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# POOLE'S SEEDS

"Grow Bigger and Better Crops"

FEB 19 1930



**Poole's Seed and Implement Co.**

1142 Pacific Ave.

1141 Commerce St.

**Tacoma, Washington, U. S. A.**

Vegetable Seed Trials D. W. Shoemaker

FEB 21 1930



# Poole's Superb Spencer Sweet Peas

Our selection of Spencer Sweet Peas, for this season, is made up of varieties showing the best results in all conditions, and will give our customers greater pleasure than they have ever experienced before.

**CULTURE**—First and most important, plant as early in the spring as the conditions will permit. Seeds should be sown at the rate of one ounce to 15 feet. Make a trench about 3 or 4 inches deep, planting seeds in the bottom about 2 inches deep, pressing the soil firmly. **AFTER THE PLANTS ARE WELL UP, THIN TO 4 OR 5 INCHES APART** and draw the soil around them until the trench is filled above the level. This gives a depth to the roots, preserving the moisture. Keep the ground well worked and water if needed, an occasional soaking down being better than a daily sprinkling. Keep the flowers cut close and a pruning of the tips of the vines will also aid in prolonging the season of bloom and insuring better flowers.

**FALL GROWING OF SWEET PEAS**—On well drained soils fall planting of Sweet Peas brings greater satisfaction to the grower by producing larger blossoms on longer stems and through a longer season starting two or more weeks earlier. In early October plant in trenches 8 to 10 inches deep, covering 2 inches putting on more earth as peas grow.

## STANDARD OR SUMMER FLOWERING SWEET PEAS WHITE

**5037A—AVALANCHE.** Glis-  
tening white of great sub-  
stance. Pkt. 10c, oz. 30c, ¼-lb.  
75c.

**5038—KING WHITE.** The  
newest and most magnificent  
white; of perfect Spencer type;  
the immense petals gracefully  
frilled. Pkt. 10c, oz. 30c, ¼-lb.  
75c.

## ROSE AND PINK SHADES

**5042—SUPREME.** Pale pink  
Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5041A—MARY PICKFORD.**  
Dainty cream-pink suffused  
salmon. Pkt. 10c, oz. 30c, ¼-lb.  
75c.

**5047—MARGARET ATLEE.**  
pink. Pkt. 10c, oz. 30c, ¼-lb.  
75c.  
Buff pink. Pkt. 10c, oz. 30c, ¼-  
lb. 75c.

**5045—DEL MONTE.** Salmon  
ground. Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5049—FLUFFY RUFFLES.** A remarkable  
new type with large double and ruffled  
blossoms. The color is an exquisite light  
cream-pink Pkt. 15c, oz. 50c, ¼-lb. \$1.75.

## SCARLET

**5053—HUNTSMAN.** A bright shade of  
scarlet; really a wonderful bit of color.  
Perfectly sun-proof and of largest size. An  
outstanding English novelty. Pkt. 10c, oz.  
40c, ¼-lb. \$1.25.

**5037—CAMPFIRE.** Bright scarlet sun-  
proof Sweet Pea. It is the last word in vivid  
color and stands out beside all other var-  
ieties in this class. Pkt. 10c, oz. 30c, ¼-lb.  
75c.

**5052—KING EDWARD SPENCER.** Bright  
crimson scarlet, largest size, wavy stand-  
ard; drooping wings, very long stems; one  
of the finest bright reds. Pkt. 10c, oz. 30c,  
¼-lb. 75c.

**5050—CRIMSON KING.** Pure deep crim-  
son; the most pronounced, pure deep red of  
all Sweet Peas. A much clearer and finer



shade than King Edward Spencer. Pkt. 10c,  
oz. 25c, ¼-lb. 75c.

## LAVENDER

**5055—POWERSCOURT.** A pure lavender  
variety with flowers of mammoth size. One  
of the best. Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5056—ORCHID IMPROVED.** Clear cattle-  
yallavender flowers, larger and of a better  
form than the original Orchid. A strong  
grower and free bloomer. Pkt. 10c, oz. 30c,  
¼-lb. 75c.

## BLUE AND MAROON

**5033—GLEN EAGLES.** This is considered  
a particular fine light blue variety. Pkt.  
10c, oz. 30c, ¼-lb. 75c.

**5063—NEW WEDGEWOOD.** This is an  
improvement on the old Wedgewood, with  
larger, clearer blue flowers. Makes a won-  
derful display in bunches. Pkt. 10c, oz. 30c,  
¼-lb. 75c.

**5064—WARRIOR.** Color rich maroon,  
flushed with bronze. The flowers are of  
great size, perfectly formed and placed.  
Pkt. 10c, oz. 30c, ¼-lb. 75c.



# Poole's Superb Spencer Sweet Peas

## ORANGE

**5060—TANGERINE IMPROVED.** This is the last word in orange color sweet peas. Deep orange, almost approaching the color of a tangerine orange. Flowers of great size, beautifully waved and well placed. Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5058A—GUINEA GOLD.** Bright orange on gold ground. Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5049—THE PRESIDENT HARDING.** An entirely new shade in Sweet Peas, best described as peach-red. Beautiful sprays with well-waved flowers. Pkt. 10c, oz. 30c, ¼-lb. 75c.

## CREAM OR PRIMROSE

**5061—WHAT JOY.** A new cream variety of a rich deep primrose-yellow shade. Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5062—DOBBIES CREAM.** Large deep cream, perfect form. Pkt. 10c, oz. 30c, ¼-lb. 75c.

## PURPLE—LILAC—HELIOTROPE

**5066—ROYAL PURPLE.** The color is a rich, warm, rosy purple, the younger flowers having a slightly softer color tone. Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5065—OLYMPIA.** Deep rich purple. Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5068—SENATOR SPENCER.** Claret and chocolate stripe on light ground, large and most distinct, much admired; a profuse bloomer. Pkt. 10c, oz. 30c, ¼-lb. 75c.

## PICOTEE AND STRIPED

**5067A—YOUTH.** Clear waxy white with well defined clear pink edging. This is undoubtedly the best of all picotee Sweet Peas. Enormous flowers, being wonderfully fragrant. Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5067—AMERICA.** An ivory white ground distinctly striped with brilliant crimson. Pkt. 10c, oz. 30c, ¼-lb. 75c.

**5069—POOLE'S SUPERB MIXTURE.** (True Spencers only). A splendid mixture, carefully proportioned and blended to produce pleasing and harmonious combinations of color. These are not seedlings, but



carefully selected named varieties that retain all their purity and brilliance of color. Pkt. 10c, oz. 25c, ¼-lb. 65c, lb. \$2.00.

For Perennial or Everlasting Sweet Peas see *Lathyrus Latifolius* page —

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

## The Early or Winter-Flowering Varieties

*They are valuable to florists for greenhouse culture and are also adaptable to outdoor planting in warmer climates, such as certain sections of our own southern states. They do well in many sections where the summer-flowering varieties cannot be grown successfully. In cooler climates they are of value because they bloom a week or ten days earlier.*

**5001—EARLY FLOWERING.** All white. Per pkt. 10c, oz. 40c.

**5002—EARLY FLOWERING AMETHYST**—Color purple. Pkt. 10c, oz. 40c.

**5003—ANGELUS.** Delightful salmon pink of a soft light tone, with light cream ground. Pkt. 10c, oz. 50c.

**5004—EARLY BLUE BOY.** A fine large, clear blue, admired for its pronounced sky blue shade. Pkt. 10c, oz. 50c.

**5008—EARLY FLOWERING GLITTERS** Standard fiery orange, wings deep orange. Pkt. 10c, oz. 40c.

**5009—EARLY FLOWERING HERCULES** Mammoth rosy pink. Pkt. 10c, oz. 40c.

**5010—LAVENDER KING.** Lavender. Pkt. 10c, oz. 40c.

**5011—EARLY MEADOW LARK.** Deep rich cream. Extra large flower, exquisitely waved. Pkt. 10c, oz. 40c.

**5012—EARLY BURPEE'S ORANGE.** Deep orange. Pkt. 10c, oz. 60c.

**5013—EARLY GIANT ROSE.** An immense rose pink. Pkt. 10c, oz. 50c.

**5014—EARLY ROSE DORE.** Very robust habit. It is soft rose salmon, borne on long stems carrying three and often four well placed flowers. Early. Pkt. 10c, oz. 40c.

**5017—ROSE QUEEN.** Rose pink. Pkt. 10c, oz. 40c.

**5015—SNOWSTORM IMPROVED** Flowers large, pure white, or great substance. Pkt. 10c, oz. 40c.

**5016—EARLY SPRING MAID.** The color is light flesh pink, about like Mrs. Hugh Dickson. Pkt. 10c, oz. 40c.

**5018—YARRAWA.** Beautiful rose shade, with light pink standard. Pkt. 10c, oz. 40c.

**5019—POOLE'S EARLY-FLOWERING LONG-SEASON'S SPENCER MIXTURE** Pkt. 10c, oz. 40c, ¼-lb. \$1.00.

# Instructions for Ordering, Etc.

## WHEN TO ORDER

Send in your combined order for seeds, plants and supplies, etc., and if you do not want all sent now we will send part now and the balance later. The advantage of this is that your order is entered and filled or stock is reserved so you will be assured of receiving your complete requirements when you want them without delay or omission. If you want part or all of your order held, state distinctly when shipment is to be made. All orders for potatoes, plants and other perishables are carefully booked on receipt and filled in rotation as soon as weather permits. If shipped early they are at purchaser's risk.

## WHEN ORDERING

Use our order blank if you have one. Be sure that your name, complete address and shipping instructions are filled in. Keep a copy of your order so you can check goods when received. We use the greatest care in filling orders and mistakes are rare, but may occur.

## PRICES AND TERMS

Prices in this catalog are those prevailing when catalog goes to press and are subject to market changes. Your order will be figured at prices prevailing when it is received and where lower you will be protected and refund made. As prices usually advance on many items toward the planting season, it is to your advantage to order early. **Terms are cash with order** where arrangements for credit have not previously been made.

## SPECIAL QUOTATION ON LARGE ORDERS

Any dealer, market gardener, institution or individual wishing seed in large quantities, is requested to mail us a list of what is wanted, and we will promptly return it with the very lowest market prices. A letter of inquiry may save you dollars if you want to buy in quantity. If in need of something pertaining to agriculture not herein listed, write us before ordering elsewhere.

## PARCEL POST RATES

Seeds and plants weighing 8 oz. or less are available at 1 cent for each 2 oz. or fraction thereof, regardless of zone. Packages weighing over 8 oz. are charged at ZONE rates. Weight limit, 70 lbs. 1st to 3rd zones, 50 lbs. 4th to 8th zones.

Zone	Distance	1st lb. or fraction thereof	Ea.add.lb. or fraction
1-2	to 150 m.	\$0.07	\$0.01
3....	150 to 300 m.	.08	.02
4....	300 to 600 m.	.08	.04
5....	600 to 1000 m.	.09	.06
6....	1000 to 1400 m.	.10	.08
7....	1400 to 1800 m.	.12	.10
8....	Over 1800 m.	.13	.12

## HOW TO REMIT

Send money by Postoffice or Express Money Order, Bank Draft, or Registered Letter. Postage stamps accepted for small amounts, two-cent stamps preferred. Money sent in mail is at sender's risk. Send plenty of money for purchase and transportation charges if to pre-pay point which will save delay, and we will promptly return all over-payments to you.

## PARCEL POST SHIPMENTS

We pay postage on all flower and vegetable seeds except Peas, Beans and Corn. For parcel post rates see table at bottom of page. An additional remittance of 5c will insure any mailed package. We do not guarantee replacement of the goods sent by mail unless insured.

## EXPRESS OR FREIGHT

Express or freight shipments are F. O. B. Tacoma and purchaser pays transportation charges. On moderate sized orders we advise express shipments. Our responsibility ceases on delivery in good order to transportation company and every purchase should be carefully examined for loss or damage before accepting it. In case of loss or damage, purchaser must have notation of such loss placed on his freight or express receipt, and may then file claim with his station agent or send the necessary papers to us and we will gladly enter claim, remitting to the purchaser as soon as claim is paid.

## PRE-PAY STATIONS

On orders to go by freight or express be sure to add money enough for transportation charges if your station is a pre-payment point, which is always the case when there is no regular agent.

## COMPLAINTS

Should there be any error in your order or if you are not pleased with some article, advise us promptly, giving order number, and we will make every effort to please you. Do not return any goods until you hear from us.

In common with all other responsible seed houses, we sell our goods subject to the disclaimer adopted by the American Seed Trade Association, as follows:

## DISCLAIMER NOTICE

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, nursery stock, roots or plants we sell, and will not be in any way responsible for the crop.—**POOLE'S SEED & IMPLEMENT CO.**

## WEIGHTS OF VARIOUS ARTICLES—PER BUSHEL

Artichokes .....	60 lbs.	Flaxseed .....	56 lbs.	Peas, Smooth .....	60 lbs.
Barley .....	48 lbs.	Grass Seeds (unless otherwise stated) .....	14 lbs.	Peas, Wrinkled .....	56 lbs.
Beans .....	60 lbs.	Hungarian Millet .....	48 lbs.	Perennial Rye Grass .....	20 lbs.
Buckwheat .....	48 lbs.	Lawn Grass .....	20 lbs.	Potatoes .....	60 lbs.
Blue Grass—		Meadow Fescue .....	24 lbs.	Rape .....	60 lbs.
Kentucky .....	21 lbs.	Millet .....	50 lbs.	Rye Grain .....	56 lbs.
English .....	24 lbs.	Oats .....	32 lbs.	Red Top .....	14 lbs.
Clover Seed .....	60 lbs.	Onion Sets .....	32 lbs.	Red Top, Solid Seed .....	42 lbs.
Corn, Shelled .....	56 lbs.	Orchard Grass .....	14 lbs.	Timothy .....	45 lbs.
Emmer Speltz .....	40 lbs.			Vetches .....	70 lbs.



# Poole's

Seed & Implement Co.  
TACOMA

*for nearly*

## HALF A CENTURY

*Poole's Quality Seeds* have been recognized by the professional as well as the amateur gardener for their high standard of Purity and Germination. Our Seed growers thru many years of close study and careful selection of varieties, have been able to produce strong and healthy breeds, that are absolutely reliable. With our experience in the Northwest, we are in a position to fill your Seed Order with accuracy and promptness that has won us an enviable position among our customers. **REMEMBER THIS**—*When you order seeds from Poole's, you are getting the best that money can buy.*

We are not only more centrally located now, but are better equipped than ever before to handle your orders promptly and efficiently at No. 1142 Pacific Avenue and No. 1141 Commerce Street, Tacoma, Washington.

# Poolles Superb Vegetables Seeds

## Asparagus

One oz. to 800 Plants

**What Is More Delicious Than Fresh Asparagus Tips From Your Garden.**

Asparagus is one of the earliest spring vegetables and is not difficult to raise. It may be grown on most any good deep rich soil either from seed or roots.

**1001—WASHINGTON.** This new rust resisting strain of Asparagus was developed by the experts of the United States Department of Agriculture. **Pkt. 10c, oz. 25c, ¼-lb. 75c, lb. \$1.00**

**1002—PALMETTO.** Of southern origin; a very desirable, bright

green Asparagus. **Oz. 15c, ¼-lb. 35c, lb. \$1.00.**

**1003—COLOSSAL.** The approved standard sort. The famous Argenteuli of the French is identical with it. **Oz. 15c, ¼-lb., 35c, lb. \$1.00.**

**1004—COLUMBIAN MAMMOTH.** Very large shoots. **Oz. 15c, ¼-lb. 35c, lb. \$1.00.**

All 5 cents per packet.

## Asparagus Roots

**PALMETTO—2-year-old roots. One doz. 25c, 50 for 75c, 100 for \$1.25.**

**WASHINGTON—2-year-old roots. One doz. 25c, 50 for 75c, 100 for \$1.25.**

**SEED PLANTING—**Asparagus may be raised from seed and a crop obtained in three years. In early Spring sow the seed, after soaking it twenty-four hours in warm water, in drills about one foot apart and one inch deep. The following Spring, select the best of the roots and place in the permanent bed.

**ROOT PLANTING—**A year may be saved by buying the plants. (two-year old are greatly to be preferred) and setting them at least two feet apart in the row, and the rows not closer than four feet; see that the roots are well and evenly spread out in planting and that they are not exposed to the air longer than is absolutely necessary, as they deteriorate rapidly.

## Special Vegetable Collection For 1930

### Postpaid 50c

1 pkt. Beans, Stringless Green Pod	.....\$0.05
1 pkt. Beets, Early Wonder	......10
1 pkt. Cabbage, Golden Acre	......05
1 pkt. Carrot, Chantenay	......05
1 pkt. Peas, Laxtonion	......10
1 pkt. Radish, Sparkler	......05
1 pkt. Tomato, Chalk's Early Jewel	......05
1 pkt. Lettuce, New York	......05
1 pkt. Spinach, Princess Juliana	......05
1 pkt. Turnip, White Egg	......05

Value 60c

Our Special Collection of Vegetable Seeds for 1930 is an assortment of the varieties best suited for the Home Garden, and consists of our regular full size packets.

Complete description of each variety can be found on the vegetable pages of this catalog.

#### NOTICE

This collection is put up in advance of the season ready to mail upon receipt of your order, and the assortment cannot be changed.

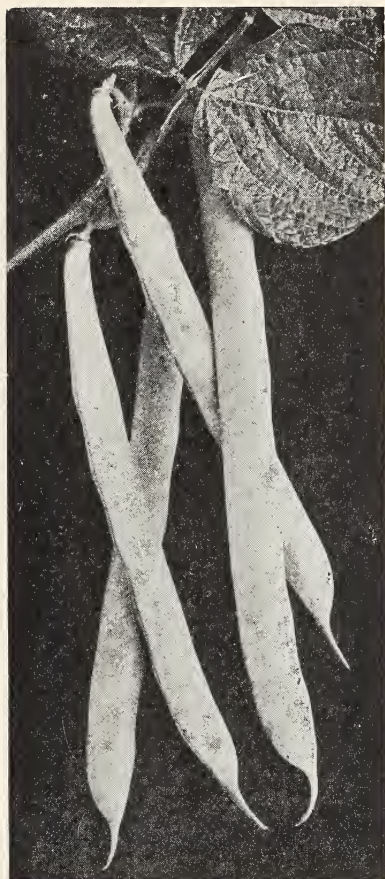
### Postpaid 50c

USE MAGNOLIA FERTILIZER FOR GREATER YIELD





# Dwarf Yellow Podded Beans



Plant one lb. to 200 ft. row  
90 to 100 lbs. per acre

**CULTURE**—About the first of May, if the ground is perfectly warm, select a warm, dry, sheltered spot, dig and manure slightly; make drills 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills, and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds. Sow every two weeks for a succession.

**1011—IMPROVED GOLDEN WAX.** One of the most popular garden varieties in cultivation. Pods are long, nearly straight, broad and flat, and golden-yellow; seed white, more or less covered with two shades of purplish red. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1010—PROLIFIC BLACK WAX (Pencil Pod).** An improvement on the old Black Wax or Butter Bean. Very vigorous and prolific; pods fairly long, golden-yellow, very brittle, and stringless; seed black. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1012—DAVIS KIDNEY WAX.** The most hardy and productive wax bean. The pods are long, white, straight, crisp and tender. The vine is rustless and very vigorous, bearing the pods in clusters. For canning this is unexcelled on account of purity of the pod and bean. It is a remarkably good variety for shipping; seed white, and on this account is desirable for a shelled bean in winter. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

## The Modern Legume Inoculator

The bacteria in McQueen's Dust-Kote Inoculator are field bred and have survived the intense processing that all McQueen's cultures must undergo before they are ready for use.

They are vigorous nodule producers. Look for the name McQUEEN, demand the genuine. No other equals it—No other is guaranteed to produce nodules.



# Dwarf Green Pod Beans

**1020—CANADIAN WONDER.** This splendid bush bean is the largest, most prolific of the green-podded sorts, and is entirely stringless in its early development. Comes a little later than the new Stringless Green Pod, but continues in bearing throughout the season, and is excellent shelled green. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1016—EARLY LONG YELLOW SIX WEEKS.** A long podded green variety. Plants strong and vigorous. Full flat pods. Excellent for market gardeners. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1017—STRINGLESS REFUGEE.** A splendid improvement on the Refugee or Thousand and One, with which it compares in season and earliness, but is absolutely stringless. Pods are round, more even in length, possibly a little lighter green in color, exceedingly tender and of a delicious flavor. A splendid bean both for snap and canning purposes. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1018—BROAD WINDSOR.** Stalk erect, strong and shrubby. The bean is large, broad and flat; should be planted early and is best green shelled. An English variety. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1019—EXTRA EARLY RED VALENTINE.** A popular variety; erect vine with dark-green leaves. Pods of medium length; fleshy, round and saddle-backed, with only slight strings. Seed pink, marbled with red. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1030—BURPEE'S BUSH LIMA.** A bush form of the large flat Pole Lima, growing only 18 to 20 inches high. The beans are borne very profusely. Pkt. 10c, lb. 35c.

*Any crop that grows its seeds in a pod will give two to five times the yield if inoculated with*  
**STIMUGERM**

**FOR GREATER YIELD INOCULATE BEANS—SEE PAGE 55**

# Dwarf Green Podded Beans-Cont.

**1015—STRINGLESS GREEN POD.** The finely shaped, long green pods are absolutely stringless, and are ready to market two weeks earlier than any other green-podded bean. It is of immense value, not only to market gardeners, but also for those who seek early beans of a rare quality for the home table. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1021—DWARF HORTICULTURAL, OR CRANBERRY BEAN.** Grows erect, strong and shrubby, and is very prolific. The bean is highly prized green shelled. It is rather large, plump, and beautifully mottled yellow and red; one of the most delicious and desirable beans and a great favorite with market gardeners. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1022—LADY WASHINGTON FIELD BEAN.** An improvement over the old Navy Bean; is earlier, larger and more productive. Pkt. 10c, lb. 25c, 10 lbs. \$2.25.

**1025—CASTOR BEAN.** Used for medical purposes and by some claimed to keep moles away. Castor beans are very ornamental, the plants and foliage being large and tropical in appearance. Pkt. 10s, oz. 20c, lb. \$2.00.



One Lb. for 100 hills  
25 to 40 lbs. per acre

**CULTURE**—Do not plant until the soil has become warm and the weather settled—and always remember beans should have rich, well drained soil. It is best to set the poles before planting; these should be six to eight feet high, rows about four feet each way. Plant four to six beans to the hill and thin to two or three, depending on the variety. A top dressing of commercial fertilizer or old manure should be worked in when cultivating.

**1035 — KENTUCKY WONDER.** This grand pole bean continues to be a great favorite. It is perfectly suited to this climate. Medium early, and enormously productive. Very large, long pods that cook tender and melting, and when once matured the green shelled beans are excellent. Pkt. 10c, lb. 25c, 10 lbs. \$2.25.

**1036 — OREGON GIANT GREEN-POD.** The large fleshy pods 10 to 12 inches in length are free from all stringiness and are tender, crisp and delicious. The size, splendid quality and rich flavor make this one of the most desirable for home gardens and for

## Climbing or Pole Beans

canning. The color is a light greenish yellow, splashed red. Pkt. 15c, lb. 40c, 10 lbs. \$3.50.

**1037—HORTICULTURAL POLE.** Good as a snap or as a shell bean; one of the old standards and still very popular. Pods short, pale green, becoming splashed with brownish red. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1039—LAZY WIFE.** Pods are from four to five inches in length, produced in large clusters in great abundance. Dark green, thick, fleshy and stringless; of unusually rich flavor. Dry beans, pure white, excellent for winter use. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

**1040—SCARLET RUNNER.** Especially used as a flowering bean. Used frequently as a shell and snap bean. Pkt. 10c, lb. 40c.

**1041—OREGON POLE LIMA.** Oregon Pole Lima grows a strong, thrifty vine and is very prolific, bearing continuously until frost. Pods are well filled, having three to five large beans of finest quality. Oregon Pole Lima can be planted in any garden soil as early as April or late July. Give the same care and culture as other Beans, and they are ready to use when the pods are filled and first begin to ripen. They are at their best when the full green pods begin to turn yellow. Pkt. 10c, lb. 40c.

**1045—KENTUCKY WONDER WAX.** The Pride of the Garden. It commences to bear when scarcely higher than the average bush variety. Pkt. 10c, lb. 30c, 10 lbs. \$2.50.

DON'T FORGET TO INOCULATE BEAN SEED—SEE PAGE 55



# Table Beets

One oz. plants 100 ft. drill—6 to 7 lbs. per acre.

**CULTURE**—Sow as early in the spring as the ground can be worked, and every two weeks after for a succession up to the first week of July. For general crop, sow about the middle of May. The soil should be light, sandy loam, well enriched with stable manure and plowed and harrowed until very fine. Sow in drills 1 foot to 15 inches apart, and when well up, thin to from 4 to 5 inches. The young beets, with their tops, pulled out of the row, are excellent used as a spinach. For this purpose, sow frequently and use when of the size of a hickory nut.

**1054—EARLY WONDER.** It may be sown early and it matures very rapidly. It is uniform in growth, the root is nearly globular in shape, slightly flattened. The leaves are of medium size, and the color of the flesh is deep blood red. Pkt. 5c, oz. 15c, ¼-lb. 35c, lb. 95c.

**1050—EXTRA EARLY EGYPTIAN.** The best variety for forcing and for market gardeners, being very early with small tops. Roots very dark red, rounded on top, but flat beneath, with very small tap roots. Pkt. 5c, oz. 15c, ¼-lb. 35c, lb. 95c.

**1051—DETROIT DARK RED TURNIP.** A fine beet for bunching for market; tops exceptionally small and uniformly upright. The roots are perfect turnip shape with small tap roots. One of the deepest red beets. Quality is of the finest; sweet and tender, best beet for home gardens. Pkt. 5c, oz. 15c, ¼-lb. 35c, lb. 95c.

**1052—EARLY ECLIPSE.** One of the best early sorts. It possesses all the qualities requisite in a first-class beet, and is of a uniform, globular shape. The roots are a bright, glossy red, fine-grained and delicious. Pkt. 5c, oz. 15c, ¼-lb. 35c, lb. 95c.

**1053—CROSBY'S EGYPTIAN.** Very popular early beet, as it reaches the desired size quickly. The beets are of good size, rather flat than round, and flesh dark. Pkt. 5c, oz. 15c, ¼-lb. 35c, lb. 95c.

**1055—EARLY BLOOD TURNIP—IMPROVED.** An extra selected stock of blood turnip having large, coarser tops and roots than the Detroit Dark Red, and requiring a longer time to mature. Excellent for sum-



DETROIT DARK RED

mer and autumn use. Pkt. 5c, oz. 15c, ¼-lb. 35c, lb. 95c.

**1056—LONG BLOOD.** The root is smooth and handsome, flesh brilliant in color and excellent quality. Good keeper. Pkt. 5c, oz. 15c, ¼-lb. 35c, lb. 95c.

## Swiss Chard

[Spinach Beet]

One oz. to 100 ft. drill—4 to 6 lbs. per acre.

**1070—NEW SAVOYED LEAF.** "Lucullus" An improved variety of "Swiss Chard," growing about two and a half feet high. The heavy stalks are over an inch thick and bare for more than a foot of their length. The leaves make the finest of "greens." By cutting back the leaves close to the ground tender shoots spring up quickly, these or the mid-rib are very delicious cooked as asparagus. Swiss chard is hardy, easily grown and should be in every garden. It is one of the most delicious of all vegetables. Pkt. 5c, oz. 15c, ¼-lb. 35c, lb. \$1.00.

## Broccoli

One oz. for 1500 plants—Six oz. per acre.

**CULTURE**—Sow early sorts as soon as the ground can be worked in the spring, in shallow drills, drawn 3 or four inches apart. Plant out 2 feet apart each way when the plants are about 4 inches high. Cultivate the same as cabbage, in rich soil.

**1075—ST. VALENTINE, the Finest of all Broccoli.** This grand new strain is a sure header of immense size, finest quality, and is ready for market in February. The large, solid, handsome, white heads remain in good condition longer than other varieties. Pkt. 10c, oz. \$1.25, ¼-lb. \$3.50.

**1076—EARLY WHITE.** Resembles cauliflower; very white and sure to head. Pkt. 5c, oz. 75c, ¼-lb. \$2.00.



SWISS CHARD

A PLANET JR. SEEDER SAVES LABOR AND SEED—SEE PAGE 65



# Mangel-Wurzel and Sugar Beet



**YELLOW GIANT**

**SLUDSTRUP**

**GOLDEN TANKARD**

One oz. to 100 ft. row—6 to 7 lbs. per acre.

**CULTURE**—As all Mangels require a deep soil in order to grow well, plow subsoil at least 1 foot to 18 inches. Sow in May or June, in rows 18 inches to 2 feet apart, and thin to 8 inches in the rows. Young plants may be transplanted to fill up vacancies.

## PRICES, ALL VARIETIES

Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 55c, 5 lbs or over 50c lb.

**1060—DANISH SLUDSTRUP.** An improved variety, considered one of the best. Awarded first class certificate. Color reddish-yellow and of a distinct type. It is very hardy, grows well above ground; is easily pulled and very nutritious.

**1061—IMPROVED MAMMOTH LONG RED.** Very popular and much used. A large and heavy cropper. Dark red skin, with whitish flesh; grows one-half or more above the surface; roots quite regular; attain a very large size.

**1062—GOLDEN TANKARD.** An enormous yielder of weight per acre, and at the same time very nutritious; flesh deep yellow; of fine shape, growing largely above soil, thus being easily harvested.

**1063—YELLOW GIANT, INTERMEDIATE OR GATE POST.** Roots very large, growing over one-half out of the ground; flesh white, sweet and tender; tops bright green, comparatively small; neck small, short. Its fine flesh never becomes woody and the crop is easily harvested.

**1064—GIANT HALF SUGAR MANGEL.** A new variety, very much more valuable for feeding purposes than the old sorts, it being very much richer. Yields as much per acre as the best Mangels, and twice as much per acre (bulk of roots) as the rich sugar beet. Roots long, thick and large, very smooth, with few rootlets and creamy white in color, with medium-sized top.

## SUGAR BEETS

**1066—KLEIN WANZLEBEN SUGAR.** This is the standard variety grown commercially for the production of sugar. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 20c, lb. 60c.

# Brussels Sprouts

Brussels Sprouts are miniature cabbages formed on a plant stalk. The delicate flavor is improved by a touch of frost.

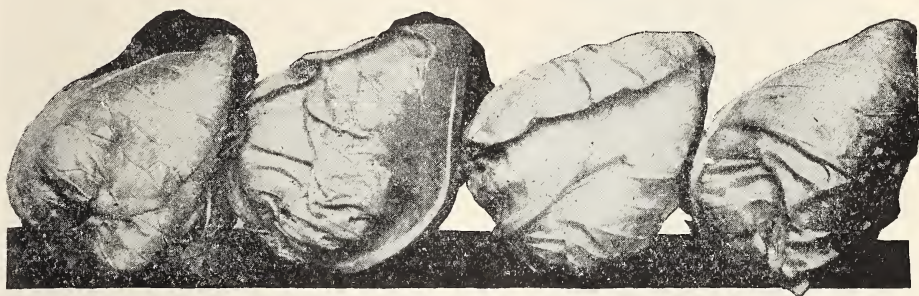
**CULTURE**—Sow in May, in the same manner as cauliflower, and transplant in July, 1 foot apart in the rows which should be  $1\frac{1}{2}$  feet apart. The Brussels Sprout is without exception, the best winter vegetable that can be grown.

**1080—DWARF IMPROVED.** A carefully grown strain very hardy and giving compact, round sprouts of large size and good quality. Pkt. 5c, oz. 25c,  $\frac{1}{4}$ -lb. 75c, lb. \$2.50.

**MANGELS ARE ONE OF THE BEST SUCCULENTS FOR WINTER FEEDING**



# Poolles Selected Cabbage Seeds



## FANCY SELECTED STRAINS

Produced for us by the most reliable breeders and Growers in Denmark

One oz. to 2000 plants—4 oz. per acre.

**CULTURE**—The requisites for complete success are: First—Good seed. There is no other vegetable where the seed has so much influence on the quality of the product, and gardeners should always use the best procurable. Second—Rich, well prepared ground. Third—Frequent cultivation. A heavy moist and rich loam is most suitable, which should be highly manured and worked deeply. Cabbage is universally grown and specific directions regarding the time and method of planting applicable to all localities cannot be given. In general, the early sorts should be sown very early in hot beds, hardened off by gradually exposing to outside air, and as early as the ground is in good condition, transplanted, setting 18 to 36 inches apart, according to size of variety. The late Autumn and Winter varieties may be sown from the middle to the last of Spring and transplanted when four to six inches high. Shade and water the late sowing in dry weather to get them up.

**1085—EARLY JERSEY WAKEFIELD.** The earliest and hardest heading of first early cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Its exceeding hardness not only to resist cold but other unfavorable conditions, insures the greatest likelihood of profitable and satisfactory results. Our stock is grown and selected with the greatest care. There is none better and few as good. Head conical, very compact, solid and of excellent quality. The thick, stout leaves and compact habit of this variety make it the best sort for very early setting. Highest quality seed. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1086—COPENHAGEN MARKET.** A new extra early globe-shaped cabbage slightly flattened. The large solid heads are very uniform, with few other leaves. Keeps well and stands handling. Copenhagen Market originated in Denmark, where it is the favorite market variety, and we recommend it to our customers as the best early round head. Gardeners should give it a trial. Our stock is direct from the originator. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1091—GOLDEN ACRE.** This is quite similar to the popular Copenhagen Market, but somewhat smaller and earlier. A uniform, tightly folded and well-blanching head of superb quality. Pkt 5c, oz. 40c, ¼-lb. \$1.25, lb. \$4.00.

**1087—EARLY WINNINGSTAD.** A desirable variety having conical, solid heads; a sure header under almost any condition, and keeps better than most early varieties. Fine appearance and of excellent quality. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1088—LARGE WAKEFIELD or Charleston.** The heads are of similar form, though not so pointed, but of equal solidity as the original Jersey Wakefield, while they grow half again as large, reaching full size about ten days later. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1089—EARLY SUMMER.** Large, solid, round, flattened, compact heads of excellent quality; the plant has a peculiar bluish tinge. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1090—EARLY FLAT DUTCH.** An early, hard-heading variety of fine quality and a standard type. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

For CABBAGE APHIS spray with Evergreen or dust with Garden Guard



CONTROL INSECTS ON CABBAGE WITH A GOOD SPRAY PUMP—SEE PAGE 59

## Cabbage [Cont.]



Danish Ballhead Long Stem

### HARDY CABBAGE AND CAULIFLOWER PLANTS

We carry a stock of healthy plants in season—Write for prices.

**1093—DANISH BALL HEAD or Cannon Ball (Long Stem)** This is one of the hardest cabbages in cultivation and endures both frost and drouth that would destroy other varieties. Plants rather long-stemmed, but compact; leaves very smooth, but thick; head of medium size, round and very solid, being the hardest heading cabbage we know of, and of very best quality. Matures quite late, keeps well, and is considered by many the best cabbage to hold over for spring markets. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$3.00.

**1094—DANISH BALLHEAD, or Cannon Ball. (Short Stem).** Very round, solid winter sort, largely grown in Denmark for the London market. A fine shipper. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1095—RED DRUMHEAD.** A large, very solid, late red cabbage, much used in pickling. Good keeper and a favorite with the ladies. Pkt. 5c, oz. 30c, ¼-lb. \$1.00; lb. \$3.50.

**1096—DRUMHEAD SAVOY.** This is the finest of the Savoy cabbages, and a general favorite; of excellent flavor, surpassing that of any other late cabbage. Stands freezing well. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1092—PREMIUM LATE DUTCH.** Best for winter use; round or slightly flattened heads; stands freezing well. A good keeper and of excellent quality. Pkt. 5c, oz. 30c ¼-lb. \$1.00; lb. \$3.50.

**1100—CHINESE IMPROVED OR PETSAL.** The strain we offer resembles when well grown Cos Lettuce rather than Cabbage. It is often called Celery Cabbage on the market. The leaves when young are crimped, of light green color and appear like smooth leaved mustard but with much broader and heavier midribs. The inner leaves blanch an attractive light yellow or creamy white with very mild white mid ribs. It is of distinctive flavor, very mild and pleasant. It is served as a salad like lettuce or cooked like asparagus. Sow in this latitude after July 1st at the same time as turnips. Pkt. 5c, oz. 30c, ¼-lb. \$1.00.

## Cauliflower

1 oz. for 2000 plants—4 oz. per acre.

**CULTURE**—The same as for cabbage, except that extra manure and plenty of water will pay upon cauliflower. If the soil be dry, water frequently, and if the plants

have a heavy mulch of hay or straw, it will keep the soil moist, and they will not suffer from drought. The early kind should be strong enough to plant out not later than the middle of April; the late kinds may be planted out the same time as cabbage.

**1123—POOLES EXTRA EARLY SIX WEEKS.** First early cauliflower. Heads of very fine quality. Solid and compact. A little smaller than early Snowball. Pkt. 25c, ½-oz. \$2.25, oz. \$3.00.

**1121—EXTRA EARLY SNOWBALL.** Its earliness, compact habit, large-sized heads and snow-white color recommend it to every grower as a variety of special merit. We have an extra selected stock of this sort, and recommend it with the greatest confidence. Pkt. 15c, ¼-oz. 65c, ½-oz. \$1.25, oz. \$2.00.

**1122—DANISH GIANT.** Dry Weather Cauliflower. Danish Giant is an early, large, solid white Cauliflower that can successfully withstand a drouth that would prove fatal to other varieties and will thrive splendidly in dry sections, being peculiarly adapted to their growing conditions, but like all cauliflower must have rich soil and cultivation to give best re-

sults. Danish Giant can also be grown under moist conditions and is a dependable market variety. Pkt. 15c, ¼-oz. 75c, ½-oz. \$1.25, oz. \$2.00.

**1124—LARGE ALGIERS.** A valuable late sort, sure to head, of the best quality and very popular with market gardeners everywhere. Plants large, but of upright growth, the leaves protecting the heads so that they will endure, uninjured, a frost that would ruin other sorts. One of the very best of the late varieties. Pkt. 10c, ¼-oz. 35c, ½-oz. 65c, oz. \$1.00.

**1125—AUTUMN GIANT.** The heads are white, large, compact and thoroughly protected by foliage. Pkt. 10c, ¼-oz. 35c, ½-oz. 65c, oz. \$1.25.

**1120—POOLE'S EUREKA.** A special strain of the compact heading, extra early type, excellent flavor and quality. Undoubtedly the best variety. Pkt. 25c, ½-oz. \$2.25, oz. \$3.00.

SEE OUR COMPLETE LINE OF SPRAYERS—PAGE 59



# Carrots

## FOR TABLE USE

One oz. to 200 ft. Drill—Three lbs. per acre.

**CULTURE**—A sandy loam is the best soil for the carrot, but any good land, if thoroughly and deeply worked, will produce satisfactory crops. Sow as early in the spring as the ground is fit to work, though good crops may be grown as late as June 15. For table use, sow the smaller kinds in rows 16 to 18 inches apart, and for the field culture prepare the ground thoroughly and sow in drills 18 to 24 inches apart. Cover one half to one inch deep and see to it that the soil is well firmed above the seed.

**1105—EARLY SCARLET HORN.** The best early kind for general use. It is larger than the forcing variety, but fully as good in quality, and produces a much larger crop. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**1106—CHANTENAY.** The market garden-er's favorite. Tops medium sized; necks small; roots, tapering slightly, but uniformly stump-rooted and smooth; color, deep orange red; flesh, very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any, is a heavy cropper, and is undoubtedly one of the best for both market and private garden, while its great productiveness makes it very desirable as a field sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.

**1108—DANVERS HALF LONG.** Grown largely on account of its productiveness and adaptability to all classes of soil. Tops medium sized, coarsely divided. The smooth handsome roots are of medium length, tapering uniformly to a blunt point; flesh, sweet, crisp, tender; deep orange in color. Although the roots of this variety are short, they produce as large bulk as the longer field sorts and more easily harvested. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**1109—OXHEART.** A thick carrot, five or six inches long and very blunt at the lower extremity. It grows very rapidly and the root attains a weight of more than a pound. It is tender and of good flavor. Pkt 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

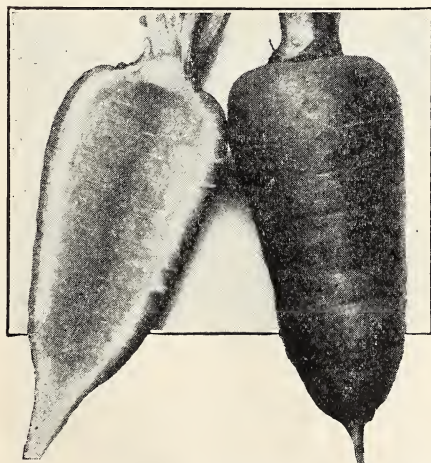


CHANTENAY

**1110—ST. VALERY or New Red Intermediate.** Roots very smooth and regular in growth; of large size, from 10 to 12 inches in length, and 2 to 3 inches in diameter at the top, tapering gradually throughout. The flesh is a rich, deep orange-red, free from hard core. Called the "Pointed-rooted Danvers." Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb 35c, lb. \$1.10.

**1107—NEW CORELESS.** A splendid new carrot. Larger than other early varieties. Crisp, solid, of fine flavor and almost coreless, grows smooth and uniform, a true stump rooted type. The very best for canning or drying as it is nearly coreless and has no tap root to trim off and waste. Holds its color and cooks quickly. The ideal carrot for home gardens. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 35c, lb. \$1.10.

## Carrots for Stock and Poultry Feeding



**1111—ORANGE, IMPROVED LONG.** Popular for farm use on deep, mellow soil. Our stock is an improvement obtained by years of careful selection of the best formed and deepest colored roots, which grow to a large size, some specimens averaging twelve inches in length. Enormous crops can be grown under fair culture; one of the best varieties for feeding stock. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**1113—LARGE YELLOW BELGIAN.** This is similar to the White Belgian in growth and form, but skin of the portion growing below the soil is of a pale orange coloring. The flesh is light orange. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

**1112—LARGE WHITE BELGIAN.** Extensively grown for stock feeding; very productive. Grows so much above the ground that the entire crop can be pulled by hand. Pkt. 5c, oz. 10c,  $\frac{1}{4}$ -lb. 30c, lb. \$1.00.

DON'T FORGET! IT'S EASIER TO PLANT WITH A PLANET JR.

# Celery

One oz. to 5000 plants—4 oz. per acre.

**CULTURE**—Sow the seed early, about February, in a hot-bed or cold frame. When three inches high, transplant, setting them four inches apart. When grown six inches and fine, stocky plants, set in richly manured, deep soil, in rows three and a half feet apart and about nine inches from plant to plant. Water if dry weather follows transplanting. During the next two months all the attention that is required is to keep down the weeds. Blanch by placing boards along the rows, or earth up a little, and continue doing so at intervals until only the tops of the leaves are visible late in Autumn. Never hoe up the earth when plants are wet.

**1130—WHITE PLUME**, the Leading White Celery. A handsome, crisp sort, of very easy cultivation. Naturally its stalks and portions of its inner leaves and heart are white, so that by closing the stalks either by tying or by simply drawing the soil up against the plant and pressing it together, the work of blanching is completed without the troublesome process of "banking" or "earthing up." It is the earliest celery known. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

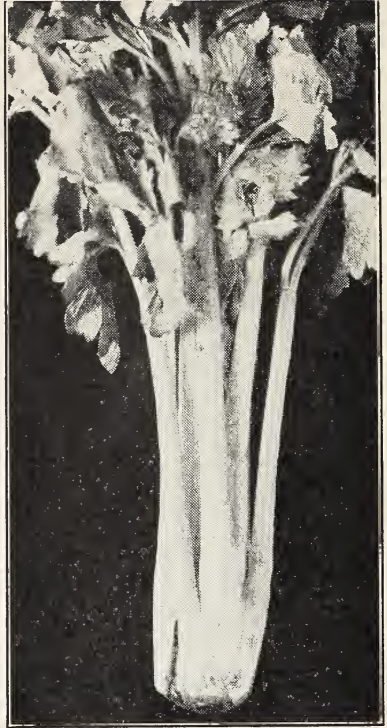
**1131—GOLDEN YELLOW SELF-BLANCHING**. This is no doubt the best celery for early spring market use. Plants of a yellowish green color when young, but as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier. Pkt. 10c, oz. 50c, ¼-lb. \$1.75.

**1133—GIANT PASCAL**. Largest variety grown; of fine nutty flavor; very easily blanched. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**CELERY SEED**—For flavoring. Oz. 10c, ¼-lb. 20c, lb. 65c.

## CELERY PLANTS

We have a good stock of fine celery plants in season. Write for prices.



# Popular Salad Plants

## CARDOON

Sow early in spring, ½ to 1 inch deep, in rows 3 to 4 feet apart, where the plants are to stand, and thin them, when well up, to 2 feet apart. Soil should be moist, rich and deep. When full size, bind them together with raffia, and earth up like celery. The stems of the leaves are used for salads, soups and stews.

**1116—LARGE SOLID**. Smooth; grows about 4 feet high; leaves nearly free from spines. Pkt. 10c, oz. 40c, ¼-lb. \$1.25.

## CHICORY

One oz. for 200 ft. row.

**1140—WITLOOF**. Known in restaurants as French Endive. Sown in May and June in drills. Transplant or thin to 6 inches; treat as endive, except that in late summer or fall it should be gradually banked up like celery. The stalks, when blanched, make a delicious salad. It is also used by the French as a boiled vegetable. Pkt. 5c, oz. 25c, ¼-lb. 60c, lb. \$2.00.

## CHERVIL

One oz. for 250 feet.

**1145—CURLED**. This plant is used for flavoring soups and salads and has a strong perfume. Pkt. 5c, oz. 25c, ¼-lb. 80c.

## COLLARDS

One oz. for 2000 plants.

**1151—TRUE GEORGIA**. Used as "greens" mainly in the South and West. As the leaves are pulled off, others grow in their places. Pkt. 5c, oz. 20c, ¼-lb. 65c.

## CELERIAC (Turnip Rooted Celery)

One oz. for 400 ft.

**1135—LARGE SMOOTH PRAGUE**. An improved form, producing large smooth roots, which are nearly round. Pkt. 5c, oz. 25c, ¼-lb. 75c.

## CORN SALAD

One oz. for 250 ft.

**1150—PETTICUS, or Lamb's Lettuce**. A refreshing salad, used extensively in winter and spring as a substitute for lettuce. It is often cooked like spinach. Sown in drills one foot apart, in the spring or fall. On the approach of cold weather cover over with straw or coarse litter. Pkt. 5c, oz. 30c, ¼-lb. \$1.00.

## CRESS

One oz. for 50 ft.

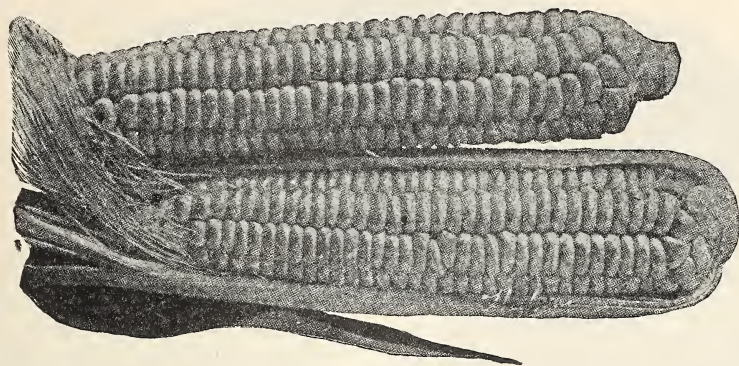
**1190—CURLED or Pepper Grass**. This salad is much used with lettuce, to which its warm, pungent taste makes an agreeable addition. The seed should be sown in drills about 16 inches apart, on very rich ground, and the plants well cultivated. It may be planted very early. Pkt. 5c, oz. 20c, ¼-lb. 50c, lb. \$1.50.

**1191—TRUE WATER**. One of the most delicious of small salads, and should be planted wherever a suitable place can be found. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small, rapid streams. Under favorable conditions they increase very rapidly by self-sown seed and extension of the roots. Pkt. 5c, oz. 60c, ¼-lb. \$2.00.

**MAGNOLIA FERTILIZER PROMOTES BETTER GROWTH**



# Sweet or Sugar Corn



One lb. plants 100 hills or 300 ft. of row in drills.  
12 to 15 lbs. per acre.

**CULTURE**—Corn should not be planted until the ground is warm, as the seed will rot in cold damp soil, or if planted too deep. Late April is early enough for the first plantings and for succession plant every two weeks through May and June. Cover the first plantings very lightly, increasing the depth a little for the later plantings. For the Dwarf varieties, rows should be three feet apart, for later varieties, four feet, and the hills two to three feet in the rows.

## PRICES, ALL VARIETIES

**PKT. 10c, LB. 25c, 10 LBS. \$2.25.**

**1160—WHITE COB CORY.** A splendid early market garden variety, and excellent for the table.

**1161—EARLY WHITE CORY MAMMOTH.** The stalks are no larger than those of the White Cob Cory, but each stalk furnishes two or more large, fine-shaped ears, which are fit for use before those of most other sorts.

**1162—EARLY EVERGREEN.** An improvement on Stowell's Evergreen being similar in appearance and general character, but a week or ten days earlier, and remaining fit for use somewhat later than that well-known sort; equal to Stowell's in all other respects.

**1164—BLACK MEXICAN.** This sweet corn, when young, cooks remarkably white, but the ripe grain is black. It is an excellent late variety.

**1166—EARLY MINNESOTA.** This old and deservedly popular variety is one of the best early sorts for the market and private garden.

**1167—COUNTRY GENTLEMAN.** Valued for its richness of flavor and productiveness, having 3 to 4 good ears to the stalk, all extra large, with exceedingly deep kernels.

**1163—GOLDEN BANTAM.** It is the sweetest and most deliciously flavored sweet corn that has been grown, and has no equal for the home garden or early market. In flavor it is equaled by none. The ears are short, thick, and compactly filled with large, plump, creamy-yellow kernels, which become golden-yellow as they ripen.

**1168—STOWELL'S EVERGREEN.** Remarkable for remaining a long time in a fresh condition, suitable for the table. Hardy and productive, tender and sugary, and the best late variety for general use.

**1169—EARLY SUNSHINE.** Our new extra early yellow corn. This variety is earlier and larger than Golden Bantam but still retains the famous Golden Bantam color. The kernels are broad, 12 rows to the ear, tender, sweet and of excellent quality. We consider this corn our best early yellow variety.

## POP CORN

**WHITE RICE POP CORN.** Best variety for popping corn. For seed. **Per lb. 30c.**

# Field Corn

Write for our prices per 100 lbs., on any kind.

15 lbs. per acre in hills.  
25 to 30 lbs. per acre in drills for fodder.

**FIELD VARIETIES** are grown for fodder and for ensilage in the Pacific Northwest more than for grain, but of recent years improved early varieties have given good results and splendid crops are reported from many sections where it was thought corn could not be grown.

**1182—PRIDE OF THE NORTH, OR YELLOW DENT.** A quick growing dent variety, thriving well where the summers are not very long. Bright golden color. **Lb. 15c, 10 lbs. \$1.00.**

**1183—MINNESOTA NO. 13, YELLOW DENT.** A variety of great promise, being the earliest of the yellow dent corns and

reported to be the heaviest yielding. Producing splendid large ears, closely filled from end to end with bright yellow kernels. Minnesota No. 13 will average 7 feet high and being a rapid, vigorous grower, with heavy foliage, makes a fine fodder corn. Will mature in 90 days under favorable conditions. **Lb. 15c, 10 lbs. \$1.00.**

**1184—GOLDEN GLOW, Wisconsin No. 12.** Cold resistant strain. Is a fine product of "Minnesota No. 13," crossed with "North Star." It is very early and develops ears of good size, 8 inches in length, slightly tapering. The kernels are of medium depth, slightly rough. The cob is large enough to aid early drying, but is not too large. This is a very strong growing plant with plenty of foliage, which enhances its value for fodder. Prize winner for Wisconsin. Sixteen to twenty rows, deepkerneled, uniform type of early variety. **1 lb. 15c, 10 lbs. \$1.00.**

# Cucumber



One oz. to 100 hills—2 to 3 lbs. per acre.

**CULTURE**—Cucumbers need a warm, rich soil, and should not be planted in open ground until weather is settled, otherwise they will not thrive. Plant in hills

**1200—EARLY GREEN CLUSTER.** One of the extra early varieties. A great bearer; fruit small, dark green and borne in clusters of excellent quality. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1201—WHITE SPINE, Improved Early.** A selection of improved White Spine. Earlier, more perfect in shape and more prolific; best slicing variety; splendid either for home garden or market. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1202—ARLINGTON WHITE SPINE.** One of the best sorts for table use. Vines vigorous, fruiting early and abundantly. Fruit uniformly straight, light, bright green in color, with a few white spines. Flesh crisp, tender and of excellent quality. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1203—COOL AND CRISP.** Extra early and very prolific; long, straight, slender and very dark green; good either for pickling or slicing. Pkt. 5c, oz. 20c, ¼-lb. 50c, lb. \$1.50.

**1204—DAVIS PERFECT.** Fine for forcing or for outdoors. The fruit is long and straight, and being a comparatively shy seeder, is very valuable for slicing. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1205—JAPANESE CLIMBING.** Often used for ornamental purposes, as the vines are very vigorous, throwing out tendrils, enabling them to climb trellises admirably. Dark green fruit, quite large and very tender. Pkt. 5c, oz. 20c, ¼-lb. 60c, lb. \$1.75.

**1215—DILL, Long Island Mammoth.** The flower heads and seed are used in soups, stews and pickles; leaves have same flavor

four feet each way, thinning to three or four of the strongest plants after danger from insects is passed. As fast as the cucumbers attain suitable size they should be taken from the vine, whether required for use or not, as their ripening soon destroys the vine's usefulness.

**1206—IMPROVED LONG GREEN.** The leading large variety. Fruit from 10 to 12 inches long, dark green, crisp and tender. A good variety for slicing, and when ripe they are the best for sweet pickles. We offer "Highest Quality" seed that will grow long and uniform fruit. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1207—LEMON CUCUMBER.** This dainty little cucumber resembles a lemon both in form and color, having a distinctive flavor superior to and not found in any other cucumber. The Lemon Cucumber is so prolific that a single vine will be ample for the needs of the average family. It is also said that the Lemon Cucumber can be eaten without fear of the harmful results that some experience from eating cucumbers. Pkt. 5c, oz. 20c, ¼-lb. 65c, lb. \$2.00.

**1208—BOSTON PICKLING.** A distinct variety, very popular for pickles; color bright green, a great producer and of excellent quality. It is for producing medium-sized pickles that this variety is so highly esteemed. If the fruits are gathered as soon as large enough, the vines will continue bearing through a long season. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1209—CHICAGO or Westerfield Pickling.** Fine for market gardeners. Medium length, pointed at each end; has large spines, deep green, very prolific. Good for pickling. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

and can be used in like manner. The flavor for cucumber dill pickles. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.25.

## ENDIVE

One oz. to 300 ft. row.

**CULTURE**—This is a hardy vegetable, cultivated principally for a Winter salad. Sow from May until August for a succession of crops; tie the leaves closely together to blanch them.

**1225—GREEN CURLED.** Standard sort for fall and winter. Pkt. 5c, oz. 15c, ¼-lb. 50c, lb. \$1.50.

**1226—WHITE CURLED.** A beautiful variety, with curled, mossy leaves, for early use. Pkt. 5c, oz. 15c, ¼-lb. 50c, lb. \$1.50.

**1227—BROAD LEAVED BATAVIAN (Escarolle).** Has broad thick leaves, which form a large, loose head. Pkt. 5c, oz. 15c, ¼-lb. 50c, lb. \$1.50.

## EGGPLANT

One oz. to 2000 plants

**1220—NEW YORK IMPROVED SPINELESS.** Considered the best variety. Oval shaped, deep purple, large size and fine flavor. Pkt. 5c, oz. 70c.



WRITE FOR FREE SPRAY CALENDAR



# Kale or Borecole

A species of cabbage, forming a mass of leaves. The leaves are cooked as green. Should be planted late, as the cold weather improves it. It is hardy and will withstand cold weather.

One oz. to 2000 plants—Four oz. per acre.

**CULTURE**—Seed should be sown thinly in drills, about the middle of June for the tall sorts; transplant the young plants twelve inches apart in rows three feet apart. Later in the season the dwarf sorts may be sown rather thickly in drills to furnish small heads to be cooked like spinach.

**1230—DWARF GREEN CURLED SCOTCH.** Noted for its extreme hardness, dwarf, compact habit and extra fine curled leaves. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1231—TALL GREEN CURLED SCOTCH.** Heads are formed on stalks two and a half feet high. Color bright green and leaves are exceedingly curly. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

Poultrymen should plant some of Tall Curled Scotch Kale for emergency caused by loss of 1000 head in extremely cold weather. The Scotch Kale is perfectly hardy in this state.

**1232—THOUSAND HEAD KALE.** Is almost indispensable as a green feed for stock and poultry through the winter. The plants are hardy and thrifty, producing a heavy tonnage per acre and may be left in the field until wanted for feed. It is an ideal feed for dairy cows. Quarter-pound will produce sufficient plants for one acre. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 60c.



## KOHL RABI

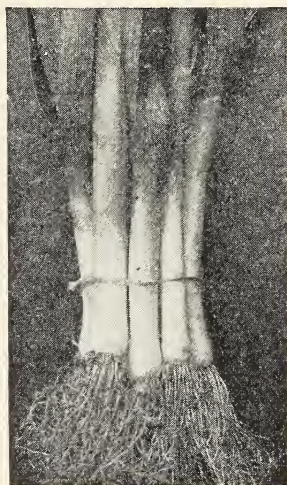


One oz. to 300 ft.

Hardy and of easy culture. Grown from plants the same as cabbage. The Kohl Rabi is a vegetable intermediate between the cabbage and turnip and combines the flavor of both. The edible part is a turnip-shaped bulb formed by the swelling of the stem. Kohl Rabi is far superior to cabbage or turnips in the delicacy of its flavor, and is a splendid addition to every garden. It should be eaten before growth ceases.

**1240—EARLY WHITE VIENNA.** Very early; bulb white; best table variety. Pkt. 5c, oz. 25c, ¼-lb. 75c.

## LEEK



One oz. to 200 ft. drill.

The Leek belong to the Onion family. Prized for soups. Cultivation similar to that of Onions, but should be hilled up about the neck to blanch it.

**1245—LARGE ROUEN, or American Flag.** A large favorite American sort. Pkt. 5c, oz. 25c, ¼-lb. 75c.

GOOD FERTILIZER PAYS DIVIDENDS



# Lettuce



## LEAF LETTUCE

One oz. to 500 ft. row—3 lbs. per acre.

## HEAD LETTUCE

One oz. to 3000 plants—One lb. per acre.

**CULTURE**—Lettuce, like many other vegetables, requires very rich soil, plenty of water, a cool growing season and intense culture to produce the best results. If the earliest varieties are planted out in the spring, and the weather turns dry and hot, they will run to seed without heading. The same seed sown in the fall or with cooler weather would develop perfectly. At a temperature of 40 degrees or lower lettuce will not thrive. Lettuce matures in forty to sixty days from time of planting.

**1254—NEW YORK, or Wonderful.** This is the mammoth head lettuce so popular in Western Washington from whence it is shipped to the Eastern markets, arriving in splendid condition. The immense heads are solid, heavy, beautifully blanched to a creamy white with bright green outer leaves. The quality is unsurpassed, being tender, crisp and sweet. New York is a hardy, rapid grower, deep rooted and resistant to drought; a slow seeder and sure to head. Pkt. 5c, oz. 25c, ¼-lb. 65c, lb. \$2.00.

**1250—GRAND RAPIDS for Early Forcing.** As a Lettuce for green house forcing this variety undoubtedly stands at the head of the list. Gives quick growth, and stands for some days after being cut. The plant is upright, and forms a loose head or cluster of large, light yellowish green leaves, slightly crimped and blistered, rather thin, good flavor, crisp and tender. It will stand shipping better than most curled sorts. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1251—SIMPSON'S EARLY CURLED.** A leading market variety for very early planting and forcing. Forms a dense mass of finely curled and wrinkled leaves that are excellent and tender, and do not wilt readily. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1253—EARLY PRIZE HEAD.** Standard sort; one of the best thin leaved, clustering varieties. The very large leaves are savoyed or crimped, bright green, tinged with red, and are exceedingly tender, crisp and sweet, forming a large, loose head. One of the best for the garden, but not good to ship long distances. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1250—MAY KING.** A large growing, smooth leaved, richly flavored sort. Plant, light green with round leaves, which form into a very solid, compact, round head; stands a long time without running to seed. Inner leaves blanch to a rich, golden yellow. Exceedingly rich, tender and buttery. Fine for open ground or forcing. For succession plant in Spring, then in August and again in September. Pkt. 5c, oz. 20c, ¼-lb. 60c, lb. \$2.00.

**1258—HANSON.** Grows to large size, and is uniformly sure of heading. Heads very solid and beautifully flushed, crisp, mild and tender. One of the finest varieties to grow for market during the summer months. Our stock is unexcelled. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1259—CALIFORNIA CREAM BUTTER.** A fine large butter head lettuce of the richest flavor, tender, sweet and crisp; a great favorite in California, being a popular market variety, medium early. The heads are very broad, often measuring eight inches across and continue to grow for two or three weeks after they are ready for use, and are very slow to seed. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1260—BROWN DUTCH.** Forms a large, solid head, sweet, tender and of good flavor. Outer leaves are tinged with brown. Very hardy. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1261—WHITE PARIS COS or Romaine.** A distinct variety, forming oblong, upright heads, largest near the top. It is hardy, tender and crisp, and does not run to seed as quickly as some other Cos varieties. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1255—ICEBERG.** A beautiful lettuce. Large, curly leaves of bright, light green, with a very slight reddish tinge at the edges. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1262—CHICKEN.** A rough, tall lettuce grown only to supply lots of chicken feed. Forms no heads. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**NOTE—Use Dupont Semesan, the Seed Disinfectant—Better Crops and Germination.**

SAVE LABOR WITH A PLANET JR. WHEEL HOE—SEE PAGE 65



# Muskmelons

One oz. for 40 to 50 hills.

**CULTURE**—Muskmelons. Plant in hills 4 to 6 feet apart each way, after all danger of frost is past, and ground is warm. Enrich well with well rotted manure and plant the seeds just under the surface and not too deep. Melons thrive best on warm light soils, but good crops are obtained on most any good soil that is rich and properly drained. In cultivating hill up by drawing the soil toward the plant.

**1265—ROCKY FORD.** One of the best salmon fleshed melons; rust resistant, good keeper and shipper. Pkt. 5c, oz. 20c, ¼-lb. 45c, lb. \$1.50.

**1266—OSAGE or MILLER'S CREAM.** Coconut shaped; salmon flesh; dark green, netted skin. Pkt. 5c, oz. 20c, ¼-lb. 45c, lb. \$1.50.

# Watermelons

One oz. for 20 to 25 hills

**CULTURE**—Watermelons thrive best on light, well drained soils, but give good results on any good rich garden soil that is properly drained and cultivated. Plant after the weather is settled and the ground warm. Hills should be 8 feet apart each way and well rotted manure worked thoroughly into each hill. Thin to two or three plants to each hill.

**1270—SWEETHEART.** Oval, very large; bright skin; fine quality. Pkt. 5c, oz. 20c, ¼-lb. 45c, lb. \$1.25.

**1272—KLECKLEY'S SWEET or Monte Cristo.** Exceedingly sweet and fine flavored; dark green skin, thin rind; flesh scarlet. Solid and firm; long. Pkt. 5c, oz. 20c, ¼-lb. 45c, lb. \$1.25.

**1273—TOM WATSON.** Produces melons 16 to 22 inches long and 8 to 10 inches in diameter. The dark green rind is thin, but tough; stands shipping well. Flesh is deep red, crisp and of finest flavor. Pkt. 5c, oz. 20c, ¼-lb. 45c, lb. \$1.25.

**1275—RED SEED CITRON.** Pkt. 5c, oz. 20c, ¼-lb. 45c, lb. \$1.25.

# Mushroom Spawn



**1283—LAMBERT'S PURE CULTURE SPAWN.** Mushrooms may be grown in any place where conditions of temperature and moisture are favorable. A shed, cellar or cave may be utilized to advantage for this purpose. It is essential that the temperature be maintained from 53 to 60 degrees F., and that the moisture be properly regulated. Lambert's pure Culture Spawn is far superior to the old style varieties, and much better results can be obtained from its use. The bricks should be broken into pieces about two inches square and planted from 10 inches to a foot apart. Bricks weigh from 18 to 24 ounces. A brick will spawn 10 square feet of bed. With Lambert's Pure Culture Spawn it is impossible to raise poisonous mushrooms. Price per brick 40c.

# Mustard

One oz. for 600 ft. row.

The leaves of mustard make excellent greens of sharp pungent flavor, and are cooked the same as spinach or beet leaves.

**1280—SOUTHERN GIANT CURLED.** Large variety, forming a great mass of beautiful leaves, which are ruffled and

finely curled on the edges; hardy, vigorous, highly recommended. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

**1281—WHITE ENGLISH.** Light green variety; tender leaves; seed light yellow. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

# Okra or Gumbo

One oz. for 75 ft. row.

**1288—DWARF GREEN PROLIFIC.** Short thick pods. Pkt. 5c, oz. 10c, ¼-lb. 30c.

**100 POUNDS COMMERCIAL FERTILIZER EQUALS 4000 POUNDS MANURE**

# Onions

One oz. for 200 ft.  
row.

4 to 5 lbs. per acre.

**CULTURE**—Sow seed as early in the season as the ground can be put into proper condition, using some good fertilizer such as Magnolia or manure supplemented with Bone Meal, Muriate of Potash, and in some cases Nitrate of Soda, the latter often being used after the plants are up, while the other fertilizers are worked into the soil before the seed is sown.

Thorough clean cultivation and thinning during the growing season is necessary.

In the Fall the tops of the Onions will naturally fall to the ground and shrivel up and the roots let go their grip on the soil, then the Onions should be lifted and allowed to dry off for a day or two before storing away. If the weather remains too wet to

dry off in the fields, the Onions may be put under open sheds for a while where there is a good circulation of air.

In case the tops do not die naturally, they may be broken down and so cause the bulbs to ripen quicker but such Onions will not make good keeping bulbs, and should be disposed of as soon as possible.

To be sure of a good crop, sow none but the best seed—it may cost a little more than a cheaper grade of seed, but it is worth more than the difference in the price.

## BUNCHING ONIONS

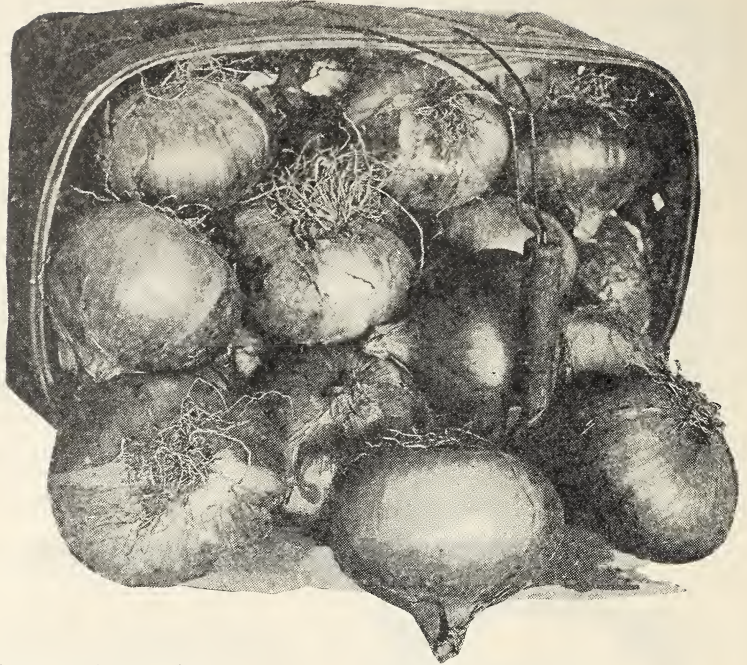
**1292—WHITE GLOBE.** Yields abundantly and, as a table variety, its clear white color is exceptionally attractive. Pkt. 5c, oz. 30c, ¼-lb. 90c, lb. \$3.00.

**1293—WHITE BARLETTA.** A small, pure white, mild onion; fine for pickles. Pkt. 5c, oz. 30c, ¼-lb. 90c, lb. \$3.00.

**1290—EARLY WHITE QUEEN.** If sown thickly produces small, very firm bulbs, the best of all for pickling, and is especially useful to market gardeners for producing an attractive "green onion." If given more room, matures an excellent onion that will keep all winter. Pkt. 5c, oz. 30c, ¼-lb. \$1.00, lb. \$3.50.

**1291—WHITE PORTUGAL or Silver Skin.** This variety is one of the leading white sorts and is of beautiful shape and very mild flavor. The bulbs are flat in shape and mature early. It is a splendid variety for both family use and the market gardener, and also for its good keeping qualities. Pkt. 5c, oz. 30c, ¼-lb. 90c, lb. \$3.00.

**PLANET JR. SEEDERS SAVE TIME AND LABOR**



## ONIONS FOR DRYING

**1294—YELLOW GLOBE DANVERS.** This is the type most widely known and used as a main crop variety. A very handsome, round or globe-shaped variety of large size, with thin, yellowish skin, white flesh, fine grained, mild, very firm, and the best of keepers. Ripens early. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1296—PRIZETAKER, The Genuine.** Of fine flavor, handsome shape and enormous size. A perfect globe shape, with a bright straw-colored skin; the necks are very small and the onions always ripen up hard. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1297—AUSTRALIAN BROWN.** This onion resembles the Oregon Yellow Danvers in general appearance, but has a clear, amber-rown skin that attracts buyers. It matures early, ripens uniformly and will keep in good condition longer than any other onion. We offer the true seed. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

**1298—LARGE RED WETHERSFIELD.** A standard variety; one of the most productive kinds, even in poor soil. Its good keeping qualities render it one of the best for shipping. Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.

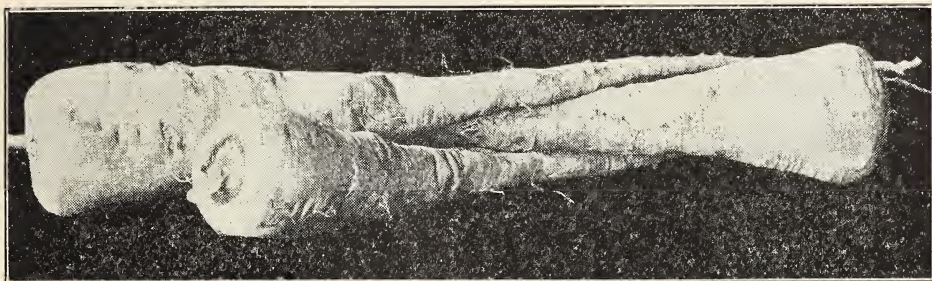
**ONION SETS**—Bottom Onion Sets, yellow. Lb. 15c.

**BOTTOM MULTIPLIER ONION SETS.** Lb. 15c.

**GARLIC**—Sets, 30c per lb.



# Parsnips



**CULTURE**—The Parsnip is nutritious and wholesome, with a sugary sweetness peculiar to itself, and is desirable both for the table and stock feeding. It yields a large crop, and is said to be more valuable for dairy cows than either the carrot or turnip. As the seed germinates very slowly, sow as early in Spring as possible, in drills fifteen inches apart on deeply cultivated, rich, loamy soil. Keep clear of weeds and thin to three or four inches apart. The roots of the parsnip are improved by freezing.

## PARSLEY

**CULTURE**—Parsley is very generally used for garnishing, and seasoning soups and stews. It can be used fresh from the garden, or dried and rubbed into a fine powder when it can be bottled for Winter use. It becomes finer and more beautifully curled if cut frequently. As the seed germinates slowly, it should be soaked a few hours in warm water, and sown in drills a foot apart and half an inch deep, as early in Spring as possible. Thin to three or four inches apart. Thrives best in deep, rich soil.

**1301—FINE TRIPLE CURLED.** Fine for seasoning; also good for table decoration. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

**1302—TURNIP-ROOTED, or Hamburg.** The root, which resembles a small turnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.

**1303—GUERNSEY, HALF LONG.** Root white, very tender, with a smooth, clear skin. Shorter and thicker than "Hollow Crown." Desirable for stiff soils. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. 90c.

**1304—HOLLOW CROWN or Long White.** Root very long, white, smooth, tender, sugary, and of most excellent flavor. Very hard; will keep through the Winter without protection. Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. 90c.

## PEPPER

**CULTURE**—Sow the seeds early in hotbeds, or later, when the weather becomes warm, in open beds; when two or three inches high, transplant to a warm, mellow soil, in rows eighteen inches apart and a foot apart in the row. Guano and hen manure are excellent fertilizers, and will greatly increase the yield.

**1305—LARGE BELL or Bull Nose.** A large, mild, thick-fleshed variety. One of the best for stuffed peppers. Pkt. 10c, oz. 65c.

**1306—LONG RED CAYENNE.** Brilliant, coral-red pods, three or four inches long, and a prolific bearer. Very pungent, and used very largely with pickles when green. Pkt. 10c, oz. 65c.

**1307—RUBY KING.** One of the most popular varieties, growing four and one-half to six inches long, three and one-half to four inches thick. The peppers are a bright ruby red and are among the best sort for pickles. Quite sharp in flavor but mild, the flesh is thick, crisp and tender. Pkt. 10c, oz. 65c.

# Garden Peas

## MAIN CROP VARIETIES

One lb. to 120 ft. drill—100 to 150 lbs. per acre.

**1325—STRATEGEM.** A semi-dwarf variety with large leaves and large pods. The peas are dark green, wrinkled and of good quality. It is planted in large quantities by gardeners for market. In quality it is unsurpassed, the peas when cooked being of the most delicious sweetness. Vines grow 18 inches to 2 feet high, and are very stocky. Pkt. 10c, lb. 25c, 10 lbs. \$2.25.

**1326—DWARF TELEPHONE.** Of English origin and introduction. The striking features are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large peas of most excellent quality. The vines are dwarf, strong and thrifty, making an ideal garden variety. Pkt. 10c, lb. 25c, 10 lbs. \$2.25.

**1327—TALL TELEPHONE, Alderman Strain.** This variety has now come into general use, and is acknowledged to be of great merit. It is immensely productive, of the finest quality and excellent, sugar flavor; vines strong, the pods are of large size, filled with large, luscious peas; height four feet. Pkt. 10c, lb. 25c, 10 lbs. \$2.25.

**1328—CHAMPION OF ENGLAND.** A most popular and extremely productive pea, which has been valued for many years as the standard variety. Vines are of strong growth and very productive of large, well-filled pods. The flavor of the peas is delicious. Height, 5 feet. Pkt. 10c, lb. 25c, 10 lbs. \$2.25.

**1329—DWARF GRAY SUGAR.** An edible pod pea growing about two feet in height. Pods very delicious when cooked same as green or wax beans. Pkt. 10c, lb. 35c, 10 lbs. \$3.00.

## INOCULATE PEAS FOR GREATER PRODUCTION

# Early Dwarf Peas

One lb. for 120 ft. drill.  
100 to 150 lbs. per acre.

Garden Peas are one of the most important crops, and we have spared no effort to select and improve the best strains of the most profitable and satisfactory varieties. These selected strains will give you the biggest yield and the handsomest, sweetest, best flavored Peas for the early market or home garden. The varieties offered have proved by growing tests to be the best of their kind and class. **Selected Hand Picked.**

**CULTURE** — Peas can be sown in every garden, but for the earliest varieties a light, warm, moderately rich soil is most suitable. The smooth kinds can be sown as soon as the ground can be worked, but the wrinkled varieties should not be planted till it is warmer, or they will rot. Sow in single or double rows from 1½ to 3 inches apart, dropping a pea every inch and covering from 2 to 3 inches deep. For a succession sow every ten days up to July.

**1315 — ALASKA or EARLIEST OF ALL.** A well-known, smooth seeded, extra early variety, extensively used by canners. The vines are strong and vigorous, two feet high, and of light green color. The pods are about three inches long, and are well filled with round, blue peas, slightly pitted. **Pkt. 10c, lb. 25c, 10 lbs. \$2.25.**

**1316—AMERICAN WONDER.** The earliest of the dwarf, wrinkled varieties, vines branching, about ten inches high and covered with well filled pods of medium size, containing five to eight large, exceedingly sweet and well flavored peas. A great favorite for planting in the small garden on account of its short, compact growth. We have taken great pains in selecting our stock and know it to be much better than that usually sold. **Pkt. 10c, lb. 25c, 10 lbs. \$2.25.**

**1317—McLEAN'S LITTLE GEM.** The vines are of dwarf growth and produces an abundance of round well filled pods of good size, about three inches long; only a few days after the American Wonder. One of the best for family use. Height, 15 to 18 inches. **Pkt. 10c, lb. 25c, 10 lbs. \$2.25.**

**1318—NOTT'S EXCELSIOR.** A deservedly popular variety; an enormous yielder, and of the very choicest flavor, pods well filled with six to eight peas, packed very closely together; valued highly for the home garden, and for all-round excellence is second to none; 15 inches high. **Pkt. 10c, lb. 25c, 10 lbs. \$2.25.**

**1319—LITTLE MARVEL.** The dwarf, bushy vines averaging 15 inches are loaded with firm, square-ended pods 2½ to 3 inches long, tightly filled with plump, luscious, deep green peas. Little Marvel is as early as American Wonder, fully equals the



superb quality of Nott's Excelsior, and far outyields these two popular sorts. **Pkt. 10c, lb. 25c, 10 lbs. \$2.25.**

**1320—GRADUS.** This extra early, wrinkled pea bears pods of large size and combines quality with earliness. It is very hardy; can be planted fully as early as the smooth peas; growth, vigorous and healthy; vines 2½ feet in height; very prolific. The quality and flavor are delicious and the peas remain tender and sweet for a long time. **Pkt. 10c, lb. 25c, 10 lbs. \$2.25.**

**1321—LAXTONIAN.** A new, early, dwarf, robust, large podded pea of superior excellence; often referred to as "Dwarf Gradus," and is said to surpass Gradus in yield and quality, with the added advantage of dwarfed growth, averaging 16 inches. The large pods are well filled, holding 8 to 10 peas. Laxtonian is so highly recommended that you should give it a trial. In the past two or three years has proven one of the best varieties for early market in the Gig Harbor and Peninsula district. **Pkt. 10c, lb. 30c, 10 lbs. \$2.50.**

**1322—THOMAS LAXTON.** A cross between Gradus and one of the extra-early sorts. Ripens within a day or two of the earliest round varieties; very productive. The pods are large and contain seven or eight large, wrinkled peas of the finest flavor. Height 3 feet. **Pkt. 10c, lb. 30c, 10 lbs. \$2.50.**

**1323—BLUE BANTAM.** The dwarf vigorous vines average fifteen inches in height and carry really enormous crops of large, deep bluish-green pods. The pods measure four to four and one-half inches long and are tightly packed with eight to ten large, deep bluish-green peas of most luscious flavor. **Pkt. 10c, lb. 30c, 10 lbs. \$2.50.**

IF IT GROWS SEEDS IN A POD, INOCULATE IT



# Pooles Selected Seed Potatoes

It is our aim, when possible to carry a complete stock of "Certified Seed Potatoes" in the varieties known by us thru our years of experience, to be adapted to our climate and soil conditions.

Conditions that we cannot control have made it impossible for us to have all of our stock "Certified" this year, and we are unable at this time to give a list of those that are certified. We will be glad to quote prices on Certified stock upon application.

Our stock of Standard Seed Potatoes are all U. S. No. 1 Standard, and you will find them to be true to name, clean and practically free from disease.

NOTE—Regardless of how clean your seed potatoes are, it pays to disinfect them with DUPONT SEMESAN before planting. WRITE FOR BOOKLET ON CONTROLLING POTATO DISEASES. See page 54.



**1334—EARLIEST OF ALL.** Can Be Had Ready for Cooking 9 Weeks From Planting. Mature in 12 Weeks. "Earliest of All" is a shallow eyed, white skinned variety of vigorous growth. The tubers are smoother and have fewer eyes than other varieties of this type. Not affected by summer droughts owing to its quick growth and early maturity. A good keeper. **The earliest of all early potatoes.** An ideal forcing potato for market gardeners. **Potato prices quoted on application.**

**1335—EARLY ROSE.** Tubers quite smooth, elongated, or oblong, stem and seed end rather blunt. Eyes shallow, but sharp and strongly marked; skin thin but tough. Flesh creamy white sometimes streaked with red, solid and brittle, rarely hollow. **Potato prices on application.**

**1336—BEAUTY OF HEBRON.** Slightly flesh colored skin, with pure white flesh. Very productive and of the finest quality; a first-class variety. A popular potato with the home gardener. **Potato prices on application.**

**1337—PRIDE OF MULTNOMAH.** Tubers are uniform in size, of the ideal elongated type with smooth, thin white skin; eyes shallow; flesh snow white, of finest table quality; flowers white; vines medium large of bushy growth; withstands drought; and is blight and disease resistant to a remarkable degree. **Potato prices on application.**

**1338—AMERICAN WONDER.** One of the earliest and best main crop varieties. Strong grower of branching habit and great producer. Tubers white, large and uniform in size; elongated and slightly compressed. Blooms white; foliage rich dark green. Our stock is of exceptional quality, selected to our standard. **Potato prices on application.**

**1340—BURBANK.** A standard commercial variety. Late and very productive. Skin nearly smooth. Eyes rather shallow. Tubers long and slightly flattened. Under proper selection it thrives equally as well now as at any time since its introduction. We offer a select true heavy yielding strain. Rogued to our standard of Type and free from disease. **Potato prices on application.**

**1339—NETTED GEM.** A splendid main crop potato that is medium sized with russet netted skin; flesh white; eyes are flush with surface; good keeper and produces a fine yield. This is the variety grown extensively by irrigation in Washington and Idaho for baking. Our stock is extra choice of the most improved type. **Potato prices on application.**

## Pumpkins

One oz. for 25 hills—4 lbs per acre.

**CULTURE**—May be planted middle of Spring, in hills 8 to 10 feet apart each way, four seeds in a hill. In other respects is cultivated in same manner as cucumbers. Avoid planting near other vines.

**1345—SWEET, or SUGAR.** A handsome and productive small pumpkin, ten to twelve inches in diameter; round flattened; skin, orange; flesh, deep yellow; fine grained and very sweet. **Pkt. 5c, oz. 15c, ¼-lb. 30c, lb. \$1.00.**

**1346—WINTER LUXURY.** The best flavored pie pumpkin grown; enormously productive; excellent keeper; medium size; color, golden-russet, finely netted; flesh,

deep golden, sweet, tender and very thick; none better. **Pkt. 5c, oz. 15c, ¼-lb. 30c, lb. \$1.25.**

**1347—LARGE YELLOW, or Connecticut Field.** Large, round; deep glossy yellow. Vines vigorous and very productive; good keeper. Grown extensively for stock feeding. **Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. \$1.00.**

**1348—MAMMOTH TOURS.** A productive French variety; grows to an enormous size. **Pkt. 5c, oz. 15c, ¼-lb. 35c, lb. \$1.25.** **tive. Pkt. 5c, oz. 10c, ¼-lb. \$1.00.**

**1349—LARGE CHEESE.** Of large size, shape flat like a cheese box; very productive. **Pkt. 10c, oz. 15c, ¼-lb. 35c, lb. \$1.00.**

SEE PAGE 82 FOR JOHN DEERE CULTIVATORS

# Radishes

One oz. for 100 ft. drill—8 to 10 lbs per acre.

**CULTURE**—Sow as soon as the ground is dry in the Spring, in rows 8 to 12 inches apart, every week or ten days for a succession up to the middle of June, after which they are but little used, unless a cool northern spot can be had, where the ground is shaded during part of the day. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early fall for late crops and winter use. Radishes should be eaten quite small; it is a mistake to let them grow too long and too large. This applies particularly to the French Breakfast and small turnip-shaped sorts.

## PRICES, ALL VARIETIES

Pkt. 5c, oz. 10c, ¼-lb. 35c, lb. \$1.00.

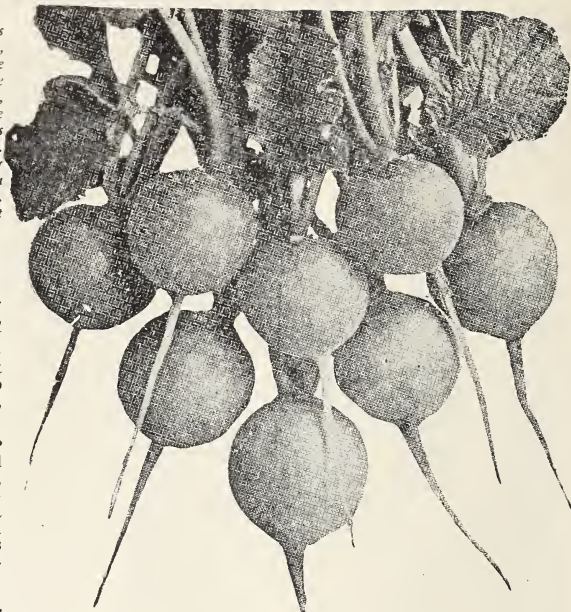
**1366—SPARKLER.** A superior extra early turnip-shaped Radish, equally good for forcing or early outdoor culture. It is small, very uniform, round and the color is bright scarlet with an attractive white tip and a very small tap root. Very mild, crisp and tender.

**1355—EARLY SCARLET TURNIP (White Tipped)** Poole's selected stock. This radish is a table dainty, crisp, tender and sweet; it is turnip-shaped, bright scarlet color, with a white tip and is a high class strain for outdoor planting. It combines beautiful appearance with finest radish quality.

**1356—EARLY SCARLET TURNIP.** One of the standard sorts for general sowing. Roots are turnip-shaped, dark red and of fine quality.

**1360—FRENCH BREAKFAST.** This well known radish is olive shaped, bright scarlet with the exception of the white tip.

**1361—EARLY LONG SCARLET, Short Top.** This bright scarlet, small topped sort is uniformly straight, smooth, brittle and crisp, and is a standard and excellent sort for private gardens or market use.



**1358—CRIMSON GIANT, or Giant Butter** Desirable for forcing or outdoor planting. Will produce Radishes nearly twice the size of other red forcing varieties and, in spite of their large size, will retain their crispness and solidity.

**1368—BLACK SPANISH ROUND.** Standard winter sort. Has good flavor and keeps well.

**1369—CHINESE WHITE WINTER, or Celestial** (California Mammoth White Winter). The well-known and popular winter variety. The half stump-roots are clear white and the flesh is the most crystalline of all winter varieties. Roots may be used all winter long as they keep in fine condition. Makes a most palatable dish when cooked and served like turnips.

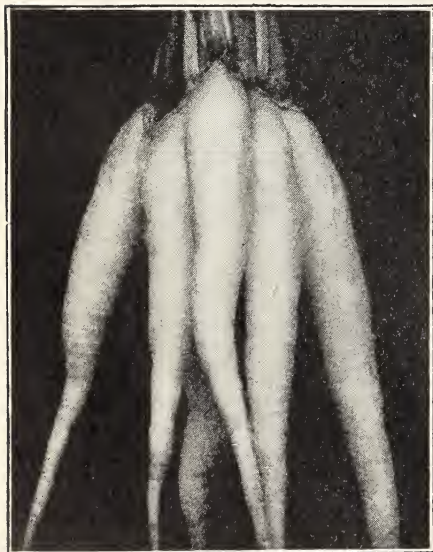
**1363—CHINA ROSE WINTER.** One of the best Fall and Winter varieties; a favorite with market gardeners; bright rose color; flesh white, firm and of superior quality.

**1365—ICICLE.** One of the earliest of all long, white varieties. For crispness and tenderness it is unsurpassed. This radish is not only crisp and tender when young but retains these qualities until the roots attain large size; is excellently adapted to forcing purposes or successive sowing in open ground for table or market throughout the season.

## RHUBARB OR PIE PLANT

**1370—VICTORIA or Mammoth.** Very large; finest cooking variety. Pkt. 5c, oz. 30c, ¼-lb. \$1.00, lb. \$3.00.

Fine Roots in season—Write for prices.



MAGNOLIA FERTILIZERS PAY IN BETTER CROPS



# Spinach

One oz. for 100 ft. row—10 to 12 lbs. per acre.

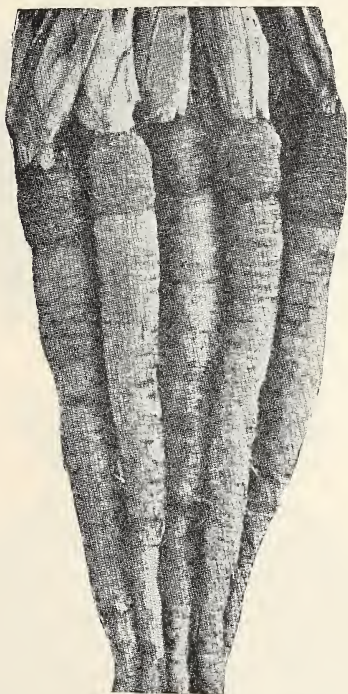
**CULTURE**—An easily grown plant, the seed of which may be planted in the fall to secure Spinach early in the Spring or even throughout the winter. The better and

richer the soil, the larger and more tender the leaves will be. For fall use, sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold. Keep clear of weeds.

**PRINCESS JULIANA.** This is a new long season Spinach. The leaves are of good size, very dark green, well crumpled and thick. This new variety stands longer before going to seed than any other. **Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 60c.**

**1384—PRICKLY, or Winter.** Vigorous and hardy; recommended for fall sowing. **Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 60c.**

**1385—NEW ZEALAND SUMMER.** Not a Spinach, but used as such. Grows 1½ feet high and is very prolific; does well in hot summer weather; valuable for hot climates. Soak the seed in hot water before using. Sow the seed of New Zealand in hills 2 feet apart each way, three or four seeds in a hill. **Pkt. 5c, oz. 10c, ¼-lb. 30c, lb. 90c.**



**SALSIFY (Oyster Plant)**

One oz. for 120 ft. row.

The roots are long and tapering; when cooked has a flavor like oysters. If more people knew how many fine dishes are made out of Salsify Roots it would be much more extensively planted. Same culture as carrots. Roots good all Winter.

**1375—MAMMOTH SANDWICH ISLAND.** The best variety of Salsify, being very smooth, of fine quality, pure white and extra large size. **Pkt. 5c, oz. 25c, ¼-lb. 75c, lb. \$2.50.**



**1386—SAVOY LEAVED — Bloomsdale.** Very early; of upright growth; leaves pointed. Plant in the Autumn for Spring use; grows quickly. **Pkt. 5c, ¼-lb. 20c, lb. 60c.**

**1380—KING OF DENMARK.** Undoubtedly the most valuable of new introductions of early sorts, remaining in good condition from one to two weeks after other varieties have gone to seed. Plants are of rapid growth, leaves thick and stand well after other varieties have gone to seed. Plants are of rapid growth, leaves thick and stand well after cutting. Of good quality. Sure to win favor with both home and market gardener. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 70c.**

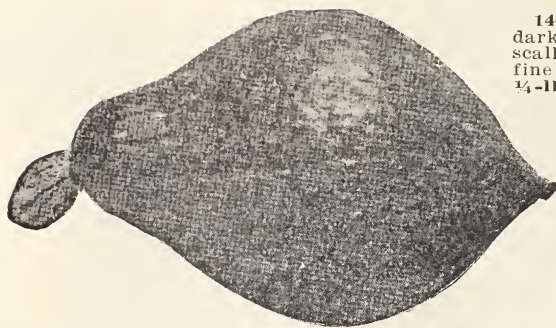
**1381—LONG-STANDING (Round Thick-Leaved).** Dark green; leaves large and thick. Best for Spring growing. **Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 60c.**

**1382—VICTORIA.** Extra-dark, black-green color. Two or three weeks later than the ordinary "Long-standing." A fine variety for Spring sowing. **Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 60c.**

**1383—ROUND VIROFLAY, Thick-leaved.** Has very large thick, dark green leaves; the favorite market-gardener's sort for Fall or Spring sowing. **Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 60c.**

**A PLANET JR. MAKES GARDENING A PLEASURE**

# Squash



**1406—TABLE QUEEN or Acorn.** Small dark green fruits with sharply ridged or scalloped sides and a very agreeable flavor, fine for baking and pies. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

## BUSH VARIETIES

One oz. for 20 to 40 hills—4 to 6 lbs. per acre.

## VINE VARIETIES

One oz. for 10 to 15 hills—3 to 4 lbs. per acre.

**CULTURE**—The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but squash is less particular as to soil. The Summer varieties should be planted four to six feet apart each way and the winter sorts eight to ten feet. Three plants are sufficient to a hill.

**1397—MAMMOTH SUMMER CROOK-NECK.** Early, prolific, flesh tender and of good quality. Twice as large as the ordinary Crookneck and several days earlier. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1398—BANANA SQUASH.** Grows from one to two feet in length. Flesh firm and solid, of beautiful orange-yellow and excellent quality. Rind or shell smooth and grayish-green color. Resists heat of the sun better than the Hubbard and because of its excellent flavor and splendid keeping qualities, remaining in good condition from one season to another, is already superseding that variety in many localities. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1399—TRUE HUBBARD.** The best seller and most popular variety on our list. Rind dark green, warty and very hard. Flesh light orange, very dry, sweet and rich flavored. Has no superior. Keeps perfectly through the winter. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1400—GOLDEN HUBBARD.** The same in size, shape and quality as the well-known Hubbard Squash, except that it is a bright red or golden color, and somewhat earlier. It is also a long keeper. One of the very best fall and winter sorts yet introduced. Maturing before the frosts; is vigorous and wonderfully productive. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

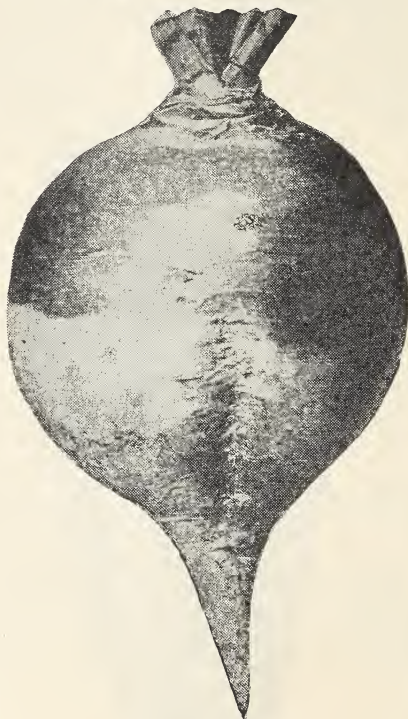
**1395—EARLY WHITE BUSH SCALLOP.** The best summer sort for the market; very productive and of good size. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1402—MAMMOTH CHILI.** The largest of all Squashes, growing to an enormous size, often weighing over 200 pounds, while its rich, fine flavored flesh insures its value for all purposes. Its size makes it valuable for stock feeding. Pkt. 5c, oz. 15c, ¼-lb. 45c, lb. \$1.50.

**1403—BOSTON MARROW.** Skin yellowish, very thin, flesh dry and fine grained; of unsurpassed flavor. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.

**1404—ENGLISH VEGETABLE MARROW.** Oblong, dull, yellow skin, very prolific and of finest table quality. Pkt. 5c, oz. 20c, ¼-lb. 45c, lb. \$1.50.

# Rutabaga



## Swede Turnip

One oz. to 200 ft. row—2 lbs. per acre.

**RUTABAGA or Swede Turnip.** These are grown usually for stock feeding and make an excellent and valuable crop. Treatment same as for winter Turnips, but require a longer season to grow. The seed should be planted early in July in rows at least 2½ feet apart and the plants thinned to 8 to 12 inches apart.

**1430—IMPROVED AMERICAN PURPLE TOP.** The leading standard variety, being very distinct in type, attaining a wonderful large size; immense yielder. The flesh is very firm, superior in every way, valuable alike for all purposes. Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.

**1431—WHITE SWEET RUSSIAN.** This variety is most excellent, either for table or stock; it grows to a very large size; flesh white; solid, of a firm texture, sweet and rich; an excellent keeper. Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.

PROGRESSIVE FORMERS USE MAGNOLIA FERTILIZER



# Turnips

One oz. for 200 ft. row—2 to 3 lbs. per acre.

**CULTURE**—Turnips grown quickly so that they are tender, make a delicious vegetable. The home gardener can give them easily that extra care needed to bring them to perfection. The requirements are for a rapid, uninterrupted growth, and for moist, well-worked soil. In Alaska Turnips reach perfection, and all over our coast they are excellent. Sow in early spring and again in August. This latter gives roots for winter. Put the rows 12 to 18 inches apart, and thin to 5 to 8 inches. Do not transplant except when very young and that should not be necessary.

**1432—EARLY PURPLE TOP MILAN.** This variety is ready for the table sooner after planting than any other yet introduced. Top small, erect, strap-leaved; bulb a deep purple above, white underneath; flesh white, firm and delicate. **Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.**

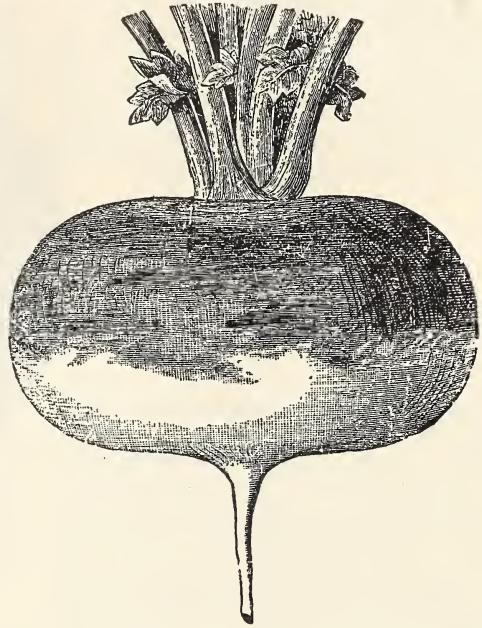
**1433—EARLY WHITE MILAN.** Same as Purple Top Milan but pure white, sweet and tender; best early market variety. **Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.25.**

**1434—EARLY WHITE FLAT DUTCH.** One of the very best and most universally grown. Small, erect top, round, flat; flesh, white, firm, but very tender and sweet. Of quick growth, it is soon ready for the table and keeps well. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**

**1436—EARLY SNOWBALL.** Early round turnip, maturing in seven weeks, is of perfect form, snowy whiteness, crisp, solid and of fine flavor. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**

**1442—GOLDEN BALL.** Undoubtedly one of the most delicate and sweetest yellow-fleshed turnips yet introduced. Not of large size, but firm, hard and most excellent flavor. Keeps well and is superior as a table variety. It is extensively used by market gardeners. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**

**1435—PURPLE TOP STRAP LEAF.** A leading white-fleshed variety, and one of the best, either for the family, market gar-



den or field crop. It is medium size, and produces a large crop. The flesh is firm, but tender, and of superior rich buttery flavor. A good keeper. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**

**1437—WHITE EGG.** Is perfectly smooth, of a pure, clear white, growing half out of the ground, and at times to the size of a rutabaga, being a very choice kind for table use; of excellent flavor, sweet and mild. Pulls clean from the ground; thin, snow-white skin. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**

**1428—PURPLE TOP WHITE GLOBE.** A large globe-shaped variety; purple above the ground; it is handsome and of excellent quality, and recommended both for the family garden and field crop. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**

**1439—POMERANIAN WHITE GLOBE.** One of the most productive kinds and in good, rich soil, roots will frequently grow to 12 pounds in weight. It is of perfect globe shape; skin white and smooth; leaves dark green and of strong growth. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**

**1440—COWHORN.** Sometimes called Long White. Slightly crooked. Pure white except a little shade of green at the top. Grows half out of the ground and is of very rapid growth. It is delicate and well flavored. Has proved itself one of the best stock turnips ever introduced in Washington, as it is an immense yielder. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**

**1441—YELLOW ABERDEEN.** Round, medium size; light yellow. Produces a large crop; is hardy and keeps well; flesh very firm but tender and sweet. A great favorite with the dairymen. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**

**1343—PETROWSKI.** Medium size, smooth skin, and flesh yellow, top short and spreading, flesh crisp, tender and very pleasant; keeps well. **Pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 75c.**



JOHN DEERE PLOWS HARRROWS AND CULTIVATORS

# Tomatoes

One oz. for 2000 plants.

**CULTURE**—Sow in a hotbed in early spring, or the seed may be sown in shallow boxes and placed in a window when one does not wish to have the trouble of making a hotbed. Transplant to the open ground when all danger of frost is past, setting the plants 3 to 4 feet apart each way. Fruit may be used several weeks earlier by sowing seed quite early and transplanting to small pots. Tomatoes that have not ripened at the end of the season may be taken from the vines and placed in empty cold frames, or wrapped in tissue paper, and carefully packed in flat boxes—where a large proportion of them will ripen from time to time, frequently until Christmas.

## TOMATO PLANTS

Standard varieties for seasonable delivery—  
Fine, healthy transplanted and pot grown plants.  
Safely packed and shipped to any point in the  
Northwest. Write for prices on any amount.

**1415—SPARK'S EARLIANA.** The earliest tall variety, forming ripe fruit much earlier than any other variety. The fruit is large, smooth, of a bright scarlet color and of fine quality. Very valuable for early market use. Pkt. 5c, oz. 40c, ¼-lb. \$1.25.

**1416—BONNIE BEST.** An early scarlet fruited Tomato. It is smooth, very even in size, very solid and also very prolific. Pkt. 5c, oz. 40c, ¼-lb. \$1.25.

**1417—CHALK'S EARLY JEWEL.** Large, bright red, smooth, round fruits, very deep and colored evenly up to the stem; very solid, almost seedless and of the finest flavor. Vines are vigorous, not subject to blight, and yield fully equal to, or better than, Earliana. Pkt. 5c, oz. 40c, ¼-lb. \$1.25.

**1418—JOHN BAER.** This variety is the result of fifteen generations of breeding; it produces perfect, solid, high crown, brilliant red tomatoes. They ripen ten days after Earliana, bearing 50 to 100 fruits per plant. The flavor is deliciously sweet. The plant will stand plenty of fertilizer without going to vine. Keeps well; is a good shipper; a prolific, continuous bearer, and has the unusual and remarkable feature of being easily peeled, the skin slipping readily from the rich, firm flesh. Resistant to wilt and other diseases. Pkt. 5c, oz. 50c, ¼-lb. \$1.50.

## HERBS

**1500—ANISE.** Seeds aromatic and carminative. Pkt. 5c, oz. 50c.

**1501—BALM.** For culinary purposes. Pkt. 10c, oz. 60c.

**1502—BASIL.** For flavoring soups. Pkt. 5c, oz. 50c.

**1503—BORAGE.** Leaves used as a salad. Pkt. 5c, oz. 50c.

**1504—CARAWAY.** For sowing. Used in flavoring bread and liquors. Pkt. 5c, oz. 25c.

**1505—CATNIP.** Has medicinal qualities. Pkt. 10c, oz. \$1.40.

**1506—CORIANDER.** Seeds aromatic. For sowing. Pkt. 5c, oz. 25c.

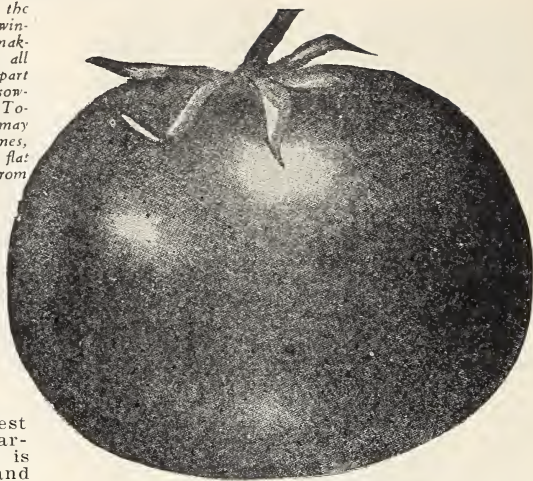
**1515—DILL.** For sowing. Seeds used for flavoring vinegar. Pkt. 5c, oz. 25c, ¼-lb. 75c.

**1507—FENNEL, SWEET.** Seeds aromatic, for flavoring. Pkt. 5c, oz. 30c.

**1508—HOREHOUND.** Has medicinal qualities. Pkt. 10c, oz. 75c.

**1509—LAVENDER, True.** For oil and distilled water. Pkt. 10c, oz. 70c.

**1510—MARJORAM, Sweet.** Is used in seasoning. Pkt. 10c, oz. 75c.



**1419—STONE.** A large tomato of good quality; round or apple shaped, and very uniform, deep red in color, and exceedingly heavy. Pkt. 5c, oz. 40c, ¼-lb. \$1.25.

**1420—DWARF CHAMPION or Tree Tomato.** Vines erect and vigorous; fruit of medium size, round, smooth, of excellent quality, very fleshy; approaching purple in color. Pkt. 5c, oz. 40c, ¼-lb. \$1.25.

**1422—GROUND CHERRY, or Husk Tomato.** Grows to great perfection under ordinary culture, yielding abundantly; very much prized for preserving; should be in every garden. Pkt. 10c, oz. 75c.

**1423—YELLOW PEAR.** A small pear-shaped tomato, borne in great profusion, vine literally covered with large clusters of fine, solid fruits; excellent for preserving, and for use in salads and cooking is superior, as flesh is not watery. Very hardy. Pkt. 10c, oz. 75c.

**1511—ROSEMARY.** Yields an aromatic oil and water. Pkt. 10c, oz. \$1.00.

**1512—RUE.** Said to have medicinal qualities. Pkt. 10c, oz. \$1.00.

**1513—SAGE, Broad-Leaf.** A culinary herb; also used in medicine. Pkt. 10c, oz. 75c.

**1514—SAVORY, Summer.** Is used as a culinary herb. Pkt. 10c, oz. 75c.

**1516—TANSY.** Generally used in bitters. Pkt. 10c.

**1517—THYME, French.** Is used as a seasoning. Pkt. 10c, oz. \$1.25.

**1518—WORMWOOD.** Has medicinal qualities. Pkt. 10c, oz. 65c.

## TOBACCO

Sow the seed thinly in beds, as early as they can be well prepared. Cultivate thoroughly, transplanting when six inches high to rows four feet apart each way.

**1410—CONNECTICUT SEED LEAF.** Hardy, and the best adapted to cool localities, and for general use. Pkt. 10c, oz. 75c.

**1411—HAVANA.** Of fine texture and delicate flavor. Pkt. 10c, oz. 75c.

WRITE FOR FREE SPRAY CALENDAR



# Poole's Giant Asters



The Aster will thrive in any soil, from a light sand to a heavy clay.

Cover seed with  $\frac{1}{2}$  inch of soil. If the soil is too poor, add a good supply of Ground Bone, mixing thoroughly.

Seed sown in the open ground in May will produce plants that will bloom finely in September and October. When the plants have three or four leaves, transplant, 12 to 18 inches apart each way, into well-prepared beds.

**GIANT OSTRICH FEATHER.** The finest type of the Giant Comet, or Ostrich Feather type of aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stem, they make cut flowers par excellence.

- |                |                    |
|----------------|--------------------|
| 5100—White     | 5104—Crimson       |
| 5101—Soft Pink | 5105—Silvery Lilac |
| 5102—Lavender  | 5106—Light Blue    |
| 5103—Rose      | 5107—Dark Blue     |

Each of the above: Pkt. 10c.

5108—Mixed, all colors. Pkt. 10c,  $\frac{1}{4}$ -oz. 25c.

## CREGO'S GIANT ASTERS

The flowers are of immense size, measuring 4 to 5 inches in diameter, and are quite thick through the center. The petals are most attractively curved and twisted, resembling an ostrich feather. They are borne on long strong stems measuring 12 or more inches in length. Sturdy plants of branching habit, 2 to 2 $\frac{1}{2}$  feet high. Crego's Giant Asters are a midseason type.

- |                 |                 |
|-----------------|-----------------|
| 5147—Shell Pink | 5152—Azure Blue |
| 5148—Purple     | 5153—Lavender   |
| 5149—Rose       | 5154—Pink       |
| 5150—Crimson    | 5155—White      |
| 5151—Dark Blue  |                 |

Each of above Pkt. 10c.

5156—Finest Mixed. Pkt. 10c,  $\frac{1}{4}$ -oz. 50c.

## GIANT BRANCHING COMET

Plants 2 to 3 feet high, branching habit, bearing a large quantity of fine Comet flowers, large and double.

5135—Finest Mixed Pkt. 10c,  $\frac{1}{4}$ -oz. 40c.

5165—PINK MIKADO OR ROCHESTER.

This superb variety is a branching type of the Giant Comet. The double flowers average from 3 $\frac{1}{2}$  to 5 inches in diameter. The color is a charming shade of silvery lavender pink. Pkt. 10c,  $\frac{1}{4}$ -oz. 35c.

## SINGLE ASTERS

5167—Single Chinese, finest mixed. Pkt. 10c,  $\frac{1}{4}$ -oz. 25c.

5168—Single Elegance, finest mixed. Pkt. 10c,  $\frac{1}{4}$ -oz. 40c.

## EARLY BEAUTY ASTERS

A recently developed late flowering strain, which begins to flower in early September, lasting until destroyed by frost. Large flowers borne on long, stout stems from 18 to 24 inches. Plants grow nearly three feet in height.

5120—American Beauty. A bright crimson rose.

5121—Lavender Beauty. A soft lavender.

5122—Purple Beauty. A deep, rich purple.

5123—September Beauty. A delicate shell pink.

5124—White Beauty. A good white.

Pkt. 15c,  $\frac{1}{4}$ -oz. 65c.

5125—Finest Mixed. Pkt. 15c,  $\frac{1}{4}$ -oz. 50c.

**LATE BEAUTY.** Mixed. Plants about 2 to 3 feet high, of branching habit. Mixed colors. Pkt. 15c,  $\frac{1}{4}$ -oz. 65c.

## QUEEN OF THE MARKET

5119—Finest Mixed. Pkt. 10c,  $\frac{1}{4}$ -oz. 25c.

## AMERICAN LATE BRANCHING ASTERS

A splendid strain, producing handsome double flowers on long stems. The plants are of strong growth, from 2 to 3 feet in height, and branch freely.

5146—Finest Mixed. Pkt. 10c,  $\frac{1}{4}$ -oz. 35c.

## NEW CALIFORNIA GIANTS

Combining the "BEAUTY'S" rigorous growth and the Crego or Ostrich Feather type of flower. A true, non-lateral type with flowers much larger and more substantial than the improved Crego. Their immense size and beauty as well as their long and sturdy stems make them very attractive in floral work. We offer this year:

5157—Peach Blossom. Pkt. 15c.

5158—Light Blue. Pkt. 15c.

5159—Deep Rose. Pkt. 15c.

5160—Dark Blue. Pkt. 15c.

5161—Finest Mixed. Pkt. 15c,  $\frac{1}{8}$ -oz. 75c.

## TRIUMPH ASTER

5162—Dwarf Triumph. A most beautiful and extremely free flowering dwarf variety. Flowers peony form measuring from 2 $\frac{1}{2}$  to 3 inches in diameter. Pkt. 10c.

5163—Aster Unicorn. Very large flowered variety with long narrow petals, curled and crested. Fine for cut flowers. Plant from 1 $\frac{1}{2}$  to 2 feet in height, flowers, 5 to 6 inches across, of noble form, with long tapering florets. Pkt. 10c.

## ASTERMUM

Plants about 2 feet high, branching habit. Flowers large, double, well formed Comet class and a little earlier than Crego's.

5173—Finest Mixed. Pkt. 10c,  $\frac{1}{4}$ -oz. 50c.

ANY SIX 10c PACKAGES FLOWER SEEDS 50c POSTAGE PAID

**ASTER PERENNIAL**

5174—Large Flowering Mixed. Various shades of blue. Pkt. 10c.

**THE SUNSHINE ASTER**

**Improved Anemone Flowered**

One of the most attractive novelties. The plants are sturdy and strong, throwing up long flower stalks, making wonderful cut flowers. Some of the flowers have twisted petals and some have quilled petals; all have a cushion center of tiny quills of a contrasting color which makes a flower look as if it were covered with snowflakes. The blue flowers are dotted with a paler blue and some in white, and the rose in a lighter shade of pink or white. Their delicate beauty is hard to describe.

5136—Blue. Pkt. 10c.

5137—Lilac. Pkt. 10c.

5138—Pink. Pkt. 10c.

5139—White. Pkt. 10c.

5140—Mixed. Pkt. 10c. ¼-oz. 35c.

**ABRONIA (Sand Verbena)**

Hardy Annual

5070—Umbellata. Rosy lilac. You see this growing in sand along the beaches. Pkt. 10c.

**ACROLINIUM (Everlasting)**

5071—Grows about 15 inches high, bearing white or rosy pink flowers, when cut in bud state, can be dried and used for winter bouquets. Sow seeds early in sheltered location and transplant to permanent bed. Double Mixed. Pkt. 10c. ¼-oz. 20c. oz. 50c.

**ADONIS**

Hardy Perennial

5072—Floss Adonis, or Pheasant's Eye. 12 inches; flowers crimson and small. Seed should be sown in the autumn. Pkt. 10c.

5073—Vernalis. 18 inches; May. Large star-shaped yellow flowers. Seeds, 10c per pkt.

5073A—Autumnalis. Hardy annual. Scarlet. Pkt. 10c.

**AGERATUM**

Hardy Annual

One of the best summer blooming plants grown from seed. They are rapid growers, early and constant bloomers. During the hot dry summer months their bright flowers are produced in the greatest profusion. Set the dwarf sorts 10 inches apart and they soon make a mass of charming color.

5074—Mexicanum Coeruleum. 18 inches. Beautiful soft lavender-blue, of free branching habit. Pkt. 10c.

5075—Album. White. Pkt. 10c.

5076—Mex. Mixed. Pkt. 10c.

5077—Nanum. Blue Perfection. 9 inches. The darkest Ageratum grown from seed. Pkt. 10c.

5078—Imperial Dwarf Blue. 6 inches. A charming variety of fine, compact growth, covered with heads of feathery flowers of a deep lavender color. Pkt. 10c.

**AGROSTEMMA**

Perennial

5079—Coronaria. Foliage silvery white, blossoms crimson, resembling single pinks. Strikingly beautiful, for beds, ribbons and borders. Seeds should be sown where plants are to remain and thinned to prevent crowding. Height 2 feet. Pkt. 10c. oz. 65c.

**ALYSSUM**

Perennial

5080—Saxtile. Showy, bright yellow flowers, blooms the first season if sown early indoors. Fine for borders. Height 6 to 12 inches. Pkt. 10c. ¼-oz. 35c.

**ALYSSUM**

Hardy Annual

ALYSSUM, Hardy annual. A dainty little flower. Fine for borders, edging and rock-work. In borders, sow thickly so as to form masses. Varies in height from 4 to 10 inches. Sow in spring or late August.

5081—Maritimum. Sweet. Pkt. 10c. oz. 40c

5082—Little Gem. Pkt. 10c. oz. 75c.

5083—Procumbens. Of trailing habit; profuse bloomer. Pkt. 10c. oz. 75c.

5084—LILAC QUEEN. Beautiful soft lilac flowers changing to white as they age. It is a free and continuous bloomer of dwarf creeping habit. An excellent border plant. Pkt. 10c. ½-oz. 40c. oz. 75c.

**AMARANTHUS**

Tender Annual

Handsome foliage and interesting flowers making a striking effect in borders and beds. Thrives in hot, sunny situation with rather poor soil. 2 to 5 feet. Sow early and transplant.

5085—Salicifolius. Willow leaved. Pkt. 10c. oz. 75c.

5086—Caudatus. Graceful drooping flowers. Pkt. 10c. oz. 25c.

5087—Tri-color, or Joseph's Coat. Foliage scarlet, yellow and green. Pkt. 10c. oz. 50c.

5088—CRUENTUS, Prince's Feather. Dark red foliage and feathery flowers; 2 feet. Pkt. 10c. ¼-oz. 25c.

**AMMOBIUM**

Half Hardy Perennial

5089—Alatum Grandiflora. 2½ ft. This pretty white Everlasting should be in every garden. Grows well in sandy soil. Pkt. 10c. ¼-oz. 20c.

**AMPELOPSIS VEITCHII**

Hardy Perennial

5089A—Boston or Japanese Ivy. The popular ivy, which covers so many buildings. The leaves are heart shaped and are off the vine for only two months in the winter. Pkt. 10c. oz. 50c.

**ANCHUSA**

Hardy Perennial

5090—Italica—Dropmore. A splendid, free blooming plant for hardy borders, growing to a height of about 5 feet. Flowers are of beautiful gentian blue color. Seeds should be sown in sheltered place outdoors and transplanted when large enough to handle. Should be 2 to 3 feet apart. Pkt. 10c. ¼-oz. 35c.

**ANEMONE (Wind Flower)**

Hardy Perennial

Very pleasing hardy plants for the herbaceous border. Fine large flowers, few plants compare with them in beauty. Excellent for bouquets and table decorations.

5091—St. Brigid's Strain. May-June. Double and single mixed. 12 inches. A beautiful selection of the Coronaria varieties in a wonderful array of colors. Seeds 10c per pkt.

ANTIRRHINUM—See Snapdragon.

AQUILEGIA—See Columbine.

**ARABIS (Rock Cross)**

Hardy Perennial

Charming dwarf spring-flowering plants of easy cultivation; valuable for beds, edgings.

5092—Alpina. 6 inches. A most useful hardy perennial for pring bedding and rockeries. Early in the year the pure white flowers make a pleasing contrast in beds and borders with Alyssum saxatile compactum. Seeds, 10c per pkt.



**ARCTOTIS GRANDIS (African Daisy)**

Hardy Annual

5093—It forms much branched bushes 2 to 3 feet high; its daisy-like flowers are pure white on the upper surface, the reverse of petals pale lilac-blue. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window every one will open. **Pkt. 10c.**

**ARGEMONE**

Hardy Annual

5094—*Grandiflora*, The Prickly Poppy. 2 feet. Lovely plants with an ornamental foliage and large, handsome poppy-like flowers, snowy white, filed in the center with golden stamens, very beautiful. **Pkt. 10c.**

**ASPARAGUS**

Greenhouse Penennial

Beautiful fern-like foliage; fine for bouquets; an excellent house plant; white flowers; 4 to 6 feet.

5095—*Plumosus Nanus*. The dwarf variety so largely used by florists. **Pkt. 10c.**

5096—*Sprengeri*. Fine for basket-work and for use with cut flowers. **Pkt. 10c.**

**ASPERULA**

Half Hardy Annual

5098—*Azurea Setosa*. Numerous sweet scented pale blue flowers; remains in bloom for a long period. Very effective in large bed, especially in the early months of the year from autumn sowing. Height 1 ft. **Pkt. 10c.**

**AUBRETIA GRAECA**

Hardy Perennial

5175—Blue. Resembling *Alyssum* in character; fine for rockwork or bedding. **Pkt. 10c.**

**AURICULA**

Hardy Perennial

5176—*Primula auricula*. A great favorite in England, where flower shows are held of this plant alone. From a prize collection. **Pkt. 15c.**

**BACHELOR'S BUTTON**—Seen Centaurea.

**BALLOON VINE**

Half Hardy Annual

5177—A rapid graceful climber, with inflated seed pods; flowers white. **Pkt. 10c. oz. 35c.**

**BALSAM**

Half Hardy Annual

Ladies' Slipper—Touch-me-Not. Easily grown.

5178—Finest Double Mixed. A splendid assortment. **Pkt. 10c. ¼-oz. 30c.**

5178A—Tall double camellia flowered. **Pkt. 10c. oz. 30c.**

**BEGONIA**

Greenhouse Perennial

5179—*Semperflorens*. Mixed. Perennial. **25c.**

**CALCEOLARIA**

Greenhouse Biennial

5180—*Hybrida*. Large-flowered; tigered or spotted. Height 2 feet. **Pkt. 50c.**

**CALENDULA—POT MARIGOLD**

Hardy Annual

Hardy annual about a foot high. Sow in the open ground early in spring, and the plants will bloom early in summer, continuing until late in autumn.

5181—Mixed. All sorts. **Pkt. 10c. oz. 25c.**

5182—Orange King. **Pkt. 10c.**

5183—Meteor. **Pkt. 10c.**

5184—Lemon Queen. **Pkt. 10c.**

5185—Double Mixed. **Pkt. 10c. ¼-oz. 25c.**

5187—The Ball. **Pkt. 10c.**

**CALLIOPSIS**

Annual

This annual is another of the garden's great forces in yellow, strengthened with rich red-maroons and browns. Sow in the open ground in spring, and, in thinning or transplanting, give the plants plenty of room to spread. Their tall, slender habit makes neat staking and tying necessary. Fine for cutting.

**TALL**

5188—Double Mixed. **Pkt. 10c. oz. 30c.**

5189—Single Mixed. **Pkt. 10c. oz. 30c.**

**DWARF**

5190—*Coronata Maxima*. **Pkt. 10c.**

5191—*Drummondii* (Golden Wave). **Pkt. 10c.**

5192—Crimson King. **Pkt. 10c.**

5193—Dwarf Mixed. **Pkt. 10c. oz. 35c.**

Perennial—See *Coreopsis*.

Half Hardy Annual)

5194—*Tropaeum Canariensis*. Climbing plant with graceful foliage and yellow blossoms. **Pkt. 10c. ¼-oz. 15c.**

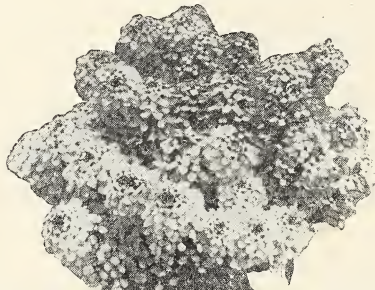
**CANARY BIRD FLOWER**

Hardy Annual

5194—*Tropaeum Canariensis*. Climbing plant with graceful foliage and yellow blossoms. **Pkt. 10c. ¼-oz. 15c.**

**CANDYTUFT (Iberis)**

Hardy Annual



These Candytufts are of fine habit and profuse bloomers. They soon flower from seed and remain long in beauty. For massing in flower beds and borders and for edgings they are admirably adapted, while for cutting, the flowers are greatly prized.

5195—*Giant Hyacinth-Flowered White*. 1 ft. A grand border plant, bearing very large, bold spikes of snowy white flowers, habit sturdy and compact. This is an especially select stock. **Pkt. 10c. oz. 50c.**

5196—*Snowflake*. The very sweetest of all. May be planted in fall as ground cover for tulip beds. **Pkt. 10c.**

5197—*Little Prince*. Very large heads of pure white flowers; fine for border and pots; 6 in. **Pkt. 10c. oz. 50c.**

5198—Mixed Annual Sorts. **Pkt. 5c. oz. 40c.**

5199—*Sempervirens*. Perennial. White. **Pkt. 10c.**

**CANNA—INDIAN SHOT**

Greenhouse Perennial

One of our best bedding plants; beautiful, ornamental foliage and large, brilliant flowers.

5200—Finest Mixed. Crozy's Hybrids; very fine. **Pkt. 10c.**

**CARDINAL CLIMBER**

Annual

5210—Strong, rapid grower, attaining a height of 25 feet with beautiful fern-like lacinated foliage and literally covered with a blaze of fiery cardinal red flowers from mid-summer to frost. The seed should be soaked in water a few hours before sowing and not planted outside until about May. **Pkt. 10c. ¼-oz. 20c. oz. 50c.**

### CANTERBURY BELLS

Biennial

**Campanula.** Very ornamental garden plants growing 2½ feet high, producing large, nodding and charming bell-shaped flowers of many exquisite shades; hardy biennial. Sow seeds in May. Keep seedling well watered and transplant to permanent location in July or August. Give rich soil and plenty of room.

**5201—Medium Single. Blue. Pkt. 10c, ¼-oz. 25c.**

**5201A—Medium Single. Rose. Pkt. 10c, ¼-oz. 25c.**

**5201B—Medium Single. White. Pkt. 10c; ¼-oz. 25c.**

**5201C—Medium Single. Mixed. Pkt. 10c, ¼-oz. 25c.**

**5202—Calycanthema. Cup and Saucer. Blue. Pkt. 10c, ¼-oz. 30c.**

**5202A—Calycanthema. White. Pkt. 10c, ¼-oz. 30c.**

**5202B—Calycanthema. Pink. Pkt. 10c, ¼-oz. 30c.**

**5202C—Calycanthema. Light blue. Pkt. 10c, ¼-oz. 30c.**

**5202D—Calycanthema. Mixed. Pkt. 10c, ¼-oz. 30c.**

**5203—Persicifolia. Perennial. Very fine, blooms in June. Blue or white. Pkt. 10c, ¼-oz. 30c.**

**5203A—Perennial varieties. Mixed. Pkt. 10c, ¼-oz. 30c.**

**5204—Pyramidalis. Perennial. Stately, hardy plant for pot culture or garden. Blue Pkt. 10c, ¼-oz. 30c.**

**5204A—Medium. Double blue. Pkt. 10c. ....**

**5204B—Medium. Double white. Waxy appearance. Pkt. 10c.**

**5204C—Medium. Double rose. Pkt. 10c.**

**5204D—Medium. Double mixed. Pkt. 10c.**

**5204E—Campanula Speculum. Venus looking glass. Annual. Mixed. Pkt. 10c.**

### CARNATION—*Dianthus Caryophyllus*

Tender Perennial



CHABAUDS  
GIANT

Carnations are tender perennials, being easily winter killed. Splendid for cut flowers, deliciously fragrant. Colors pink, white and red. Sow seed indoors in March. Transplant seedlings to other boxes when 1 inch high. Keep them growing well until soil is warm, then transfer to open garden. Height 1 to 1½ feet. Fine plants in season.

### CHABAUD'S GIANT IMPROVED

A new acquisition in the line of carnations; coming into bloom six months from seed and continuing to bloom throughout the summer. The plants are of robust upright habit; they form from ten to twenty stalks bearing huge flowers of fine form; they come about 90% double, quite true and are highly clove scented.

**5205—Chabaud's Giant Improved Mixed. Pkt. 15c.**

**5205A—Chabaud's Giant Improved White. Pkt. 15c.**

**5205B—Chabaud's Giant Improved Scarlet. Pkt. 15c.**

**5205C—Chabaud's Giant Improved Yellow. Pkt. 15c.**

**5206—Double Grenadin.** Comes into bloom very early and the charming, double, scarlet flowers are very valuable for forming bouquets. Red, white, yellow. **Pkt. 15c.**

**5207—Margaret.** Finest double mixed. Bloom in four months from seed. **Pkt. 10c; ¼-oz. 25c.**

**5207A—Margaret. Double Rose. Pkt. 10c, ¼-oz. 25c.**

**5208—Giant or Malmaison. Mixed. Pkt. 15c.**

**5209—Double Dwarf Vienna. Mixed.** Large flowered and comes into bloom early, producing flowers of many colors and beautiful markings; a large proportion double. **Pkt. 10c.**

### RICINUS—Castor-Oil Bean

Annual

Picturesquely showy and imposing, the Ricinus gives to the garden magnificent semi-tropic effects. Grown as a specimen, it makes a perfect pyramid of gigantic leaves.

**5212—Borboniensis Arboreus.** Green foliage; 15 feet. **Pkt. 10c.**

**5213—Cambodgensis.** Glistening dark maroon; stems black; 5 feet. **Pkt. 10c.**

**5214—Hybridus Panormitanus.** Cross between Cambodgensis and Zanzibariensis. Huge dark brown leaves, blue-powdered stems; upright habit. **Pkt. 10c.**

**5215—Zanzibariensis.** Mixed. Very ornamental; dark bronzy green and red leaves; 8 to 10 feet high. **Pkt. 10c, oz. 35c.**

**5216—Sanguineus Tricolor.** Blood red stems, deep green leaves, with red veins; 6 feet. **Pkt. 10c, oz. 35c.**

**5217—Finest Mixed. Pkt. 10c, oz. 25c.**

### CENTAUREA

Hardy Annual

**Bachelor Button, Cornflower.** Very popular annuals; will grow in the poorest of soil, either on seashore or mountains; seed can be sown either in fall or spring; sandy soil preferable. Height 2½ feet.

**5218—Cyanus, finest single mixed. Pkt. 10c, ¼-oz. 25c.**

**5219—Single Cyanus. Pkt. 10c, ¼-oz. 20c.**

**Centaurea Cyanus fl. Pl. Double Bachelor Button.** Beautiful large double flowers.

**5220—Double Blue. Pkt. 10c, ¼-oz. 25c.**

**5221—Double Mixed. Pkt. 10c, ¼-oz. 25c.**

**Centaurea Imperialis, Giant Cornflower.** The flowers are of enormous size, fragrant and of charming colors; in form they resemble the fuzzy part of the thistle bloom. In color from white to red to purple. Excellent for cutting.

**5223—Mixed Colors. Pkt. 10c, ¼-oz. 35c.**

**5224—Marguerite.** Flowers 4 inches across; purest white. **Pkt. 10c, ¼-oz. 40c.**

**Moschatus.** Sweet Sultan. Hardy annual, with very fragrant and showy flowers, 1½ feet. June to September.

**5226—Finest Mixed. Pkt. 10c, ¼-oz. 35c.**

**5227—Suaveolens.** Grecian Cornflower. Yellow flowers, showy. **Pkt. 10c, ¼-oz. 35c.**

See also Stokesia.



## POOLE'S SUBERB FLOWER SEEDS

**White Leaved Centurea.** Dusty Miller. Perennial. These are grown for foliage only; hardy perennials, leaves are silver-coated.

**5228—Candissima.** Thick, white, upright cut leaves; 1 foot. Pkt. 10c, ¼-oz. 50c.

**5229—Gymnocarpa.** Fine, fern-like leaves, very graceful and showy. 1½ feet. Pkt. 10c, ¼-oz. 20c.

**CHEIRANTHUS—**See Wall Flower.

### CHRYSANTHEMUM

Annual



Do not confound these annuals with the winter-flowering sorts of the florists. They bloom profusely from early summer until frost, and, when grown in large beds or masses, their bright colors make a splendid show. The plants can be brought into bloom early by sowing the seeds in frames or window boxes, and afterwards transplanting to the garden; or seed may be sown where the plants are to flower, if the seedlings are thinned from 8 to 10 inches apart. Pinching back in early growth makes the plants bushy and shapely. Average height, 1 to 1½ feet.

**5230—Coronaria.** Double mixed. Pkt. 10c, ¼-oz. 25c.

**5231—Tricolor.** Single mixed. Pkt. 10c, ¼-oz. 35c.

**5232—Tricolor.** Single and double mixed. Pkt. 10c, ¼-oz. 25c.

**5233—Frutescens.** Marguerite or Paris Daisy. Pkt. 10c, ¼-oz. 40c.

**5234—Shasta Daisy.** Leucanthemum. Perennial. Pkt. 15c, ¼-oz. 50c.

**5235—Carinatum.** Northern Star. Giant white, black center. Pkt. 10c, oz. 50c.

**5235½—Carinatum.** Single. Finest mixed. Pkt. 10c, oz. 40c.

### CINERARIA

Annual

**5236—Hybrid Grandiflora.** We pride ourselves in offering the choicest strain of this gorgeous flower; grand large bloom in umbel spikes are borne way above the foliage; colors and markings are superb; 1½ feet; tender annual; start under glass and keep inside in pots. Pkt. 35c.

**5237—Maritima Candidissima.** Perennial. Dusty Miller. Silvery foliage; hardy border plant, 2½ feet high. Pkt. 10c, ¼-oz. 35c.

### CLARKIA

Annual

Clarkias are popular summer annuals, all perfectly hardy, and can be grown with the utmost ease in ordinary soil. They flower profusely, and are exceedingly bright and attractive, especially in large masses. Height 2 ft.

**5238—Apple Blossom.** Double apple blossom pink.

**5239—Brilliant.** Double salmon scarlet.

**5240—Chamois.** Double.

**5241—Flesh.** Double flesh pink.

**5242—Queen Mary.** Double rose carmine.

**5243—Salmon Pink.** Double salmon.

**5244—Scarlet Queen.** The flowers are a double orange salmon and develop to a glowing orange scarlet.

**5245—White Prince.** Very double, pure white.

Each of above, Pkt. 10c.

**5246—Special Mixture.** Made up especially from the above named varieties. Be sure and include this in your order. Pkt. 10c, ¼-oz. 25c.

### CLEMATIS—Virgin's Bower

Hardy Perennial

Excellent hardy, climbing perennials for trellises, arbors, verandas, etc. Do well in most locations.

**5247—Paniculata.** White, fragrant, very free blooming; 10 to 20 ft. Pkt. 10c.

### CLEOME

Tender Biennial

**5249—Pungens.** Giant Spider Flower. Pink, 3 ft. Pkt. 10c, ¼-oz. 35c.

### COBAEA

Tender Perennial

Tender climbing perennials of rapid growth. 20 ft.

**5250—Scandens.** Purple, bell-shaped flowers. Pkt. 10c, oz. 60c.

**5251—Scandens alba.** White. Pkt. 15c.

### COCKSCOMB

Tender Annual

**Celosia Cristata.** Cockscomb. Very attractive and showy, producing massive heads of deeply colored flowers. Colors, red, purple and yellow. Sow very thinly in boxes indoors, transplanting to other boxes or thumbpots until little combs appear. Grows 9 to 12 inches tall.

**5252—Cockscomb.** Tall Mixed. Pkt. 10c, oz. \$1.00.

**5253—Dwarf Empress.** Pkt. 10c, ¼-oz. 75c.

**5254—Dwarf Fine Mixed.** Pkt. 10c, ¼-oz. 65c.

**5255—Plumosa.** Feathered. Large plumy heads. For pots or open ground. Keeps well when cut. Grows 1 to 3 feet tall. Finest mixed. Pkt. 10c, oz. \$1.00.

**5256—Childsii.** Chinese Wool Flower. An unique form of the feathered cockscomb, growing 2 to 3 feet. Pkt. 10c, ¼-oz. 75c.

### COIX LACHRYMA

Annual

**5257—Job's Tears.** Coix Lachryma. The seeds are strung up in the same way as beads. A strong grower with large deep green leaves growing 3 feet tall. Seeds very freely. Pkt. 10c, ¼-oz. 15c, ½-oz. 25c, oz. 45c.

### COLEUS

**5257A—Extra Fine Mixed.** Pkt. 50c.

### COLLINSIA

Annual

**5258—Free-flowering annuals.** If sown in autumn, will stand the winter and flower early in spring. All are brightly colored and are excellent for growing in patches or clumps; grows in any garden soil. 1 to 1½ ft. Pkt. 10c, oz. 50c.

## POOLE'S SUBERB FLOWER SEEDS

### COLUMBINE—Aquillegia

Hardy Perennial

A hardy perennial growing about 2 feet high and bearing flowers of a great variety of colors on long, smooth stems. Stands partial shade very well.

5259—Mrs. Scott Elliott's strain of Long Spurred Hybrids. Pkt. 25c.

5260—Chrysanth. Pure golden yellow, single long spurs; three feet. Pkt. 10c.

5261—S k i n n e r i. Mexican Columbine. Large scarlet and yellow flowers. Pkt. 15c.

5262—Single Mixed. Many varieties. Pkt. 10c, ¼-oz. 40c.

5263—Double Mixed. Pkt. 10c, ¼-oz. 40c.

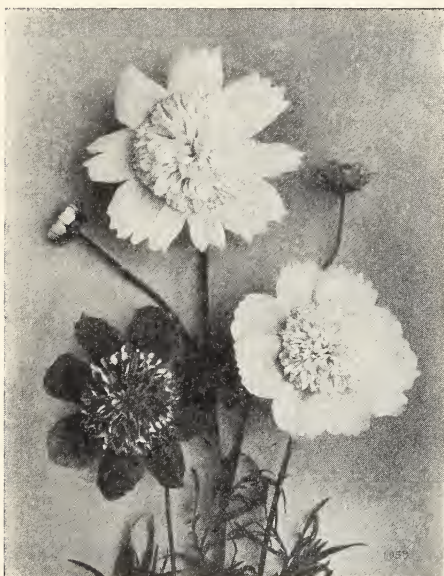
### COREOPSIS

Perennial Calliopsis

5264—Lanceolata. Large, showy, bright yellow flowers produced in great abundance from June until frost; fine for cut flowers. Sow seeds indoors very early, transplanting to open when soil is warm. Height 1 to 2 feet. Pkt. 10c.

### COSMOS

Hardy Annual



One of the notable fall flowers. A strong, tall-growing annual, with bold flowers of exquisite daintiness and ariness heightened in effect by their foliage setting of feathery green. It is most effective when planted in broad masses, or long background borders against evergreens or fences. We offer only the choice, large-flowering strains. To make sure of flowering early, Cosmos should be started indoors and transplanted into dry, sandy, or poor soil, in a sunny situation.

**Extra Early Mammoth Flowering.** Seed started early in the house or frame, will produce flowers a month earlier than Mammoth Perfection.

5265—Crimson. Pkt. 10c.

5266—Pink. Pkt. 10c.

5267—White. Pkt. 10c.

5268—Mixed. Pkt. 10c, ¼-oz. 30c, oz. \$1.00.

**Mammoth Perfection.** Large flowers on long stems, lasting until frost.

5269—Fine Mixed. Pkt. 10c.

**New Double Varieties.** These called double crested are not fully double, but are double crested, having double centers and a row of petals around the base of the flower; very effective.

Fine Mixed. Pkt. 10c, ¼-oz. 35c.

32 ANY SIX 10c PACKAGES FLOWER SEEDS 50c POSTAGE PAID

### CYCLAMEN

Perennial

A tender bulbous perennial, used in green houses and window gardens. It can be grown from seed with a little care. Sow in fall or early in the spring.

5271—Finest Mixed. Pkt. 35c.

### CYNOGLOSSUM—Chinese Forget-Me-Not

5271A—Amabile. Lovely rich blue. It thrives in a dry sunny location where few other flowers will make a show and blooms continuously from June until September. The plants grow 20 inches tall. Sow the seed during April or May, covering it with ¼ inch of fine soil. Pkt. 10c, ½-oz. 25c.

### CYPRESS VINE—Ipomea Quamoclit

Tender Annual

For training upon a light ornamental trellis the Cypress Vine cannot be excelled. It has a profusion of scarlet or white star-shaped blossoms, and its finely cut foliage is particularly adapted to ornamental work. Height 10 feet.

5272—White. Pkt. 10c.

5273—Scarlet. Pkt. 10c.

5274—Mixed. Pkt. 10c, ¼-oz. 20c.

5275—Ivy-Leaved Scarlet. A rapid growing variety with deeply lobed, ivy-like leaves and small scarlet flowers. Pkt. 10c.

### DAHLIA

5276—Double Mixed. Pkt. 10c, ¼-oz. 50c.

5277—Single Mixed. Pkt. 10c, ¼-oz. 25c.

5278—Single Cactus, mixed. Pkt. 10c.

5279—Collarette, finest mixed. Pkt. 10c.

### SHASTA DAISY

Hardy Perennial



5234—Chrysanthemum Leucanthemum. A fine perennial plant, bearing large white, single blossoms, with yellow centers; an excellent cut-flower. Soak seed in warm water before sowing. Pkt. 15c, ¼-oz. 50c.

**PARIS DAISY or Marguerite.** See Chrysanthemum Frutescens, page 31.



## POOLE'S SUBERB FLOWER SEEDS

### DAISY—*Bellis Perennis*

Perennial

A well-known and popular, low-growing plant bearing beautiful flowers.

**5280—Double Rose.** Longfellow. Pkt. 10c.

**5281—Double White.** Snowball. Pkt. 10c.

**5282—Double Mixed.** Very fine. Pkt. 10c.

**5283—Double Maxima.** Mixed. Extra large. Pkt. 15c.

### BRACHYCOME

Half Hardy Annual

**Swan-River Daisy.** Beautiful little, half-hardy annual; blooms all summer; fine for edgings and borders. Should be started in hotbed, 1 ft.

**5284—Iberidifolia.** Mixed. Pkt. 10c, ¼-oz. 35c.

### DIMORPHOTHECA

Hardy Annual

**African Orange Daisy.** Easily grown, hardy annual of great beauty; 12 to 15 ins. in height, and bushy.

**5285—Aurantiaca.** Orange; very fine. Pkt. 10c, ¼-oz. 25c.

**5286—Transvaal Daisy.** Gerbera Jamesoni. Half hardy perennial. Intense vermilion. Flowers 4 inches across on tall stems 18 inches high. Sow seed upright, stem end up, in box of peat and loam. Two plants from a package is a fair average. Do not over-water; very beautiful. Pkt. 25c.

### DATURA—Angel's Trumpet

Half Hardy Annual

Handsome plants for subtropical bedding in summer, having large trumpet-shaped fragrant flowers. They should be given light soil and a sunny sheltered position. Make grand plants for the greenhouse.

**5287—Cornucopia.** Horn of Plenty. Immense flowers, triplicate in form, like three cones, one within the other. Color rich violet, with white interior. Pkt. 10c.

**5288—Golden Queen.** Very large double bright yellow flowers; a fine pot plant. Pkt. 10c.

**5289—Double Mixed.** Pkt. 10c.

### DELPHINIUM—Larkspur

Perennial

Profuse blooming plants, their tall spikes of many colored flowers produce a striking effect when planted in groups. Sow seeds in boxes indoors in early spring, transplanting to other flats when second leaf appears. When soil is warm, set in open ground 6 to 8 inches apart, resetting the next spring, giving rich soil and plenty of room. As a cut flower this is one of the best. Height 3 to 6 feet.

**5289A—Hollyhock Flowered.** Wrexham strain. A wonderful long-spiked, large-flowered type of Hardy Larkspur, often referred to as Hollyhock strain because the stately spikes with their large double blooms closely set together form a spike not unlike those of Hollyhocks. Pkt. 25c, ¼-oz. \$1.00, ¼-oz. \$1.75.

The Butterfly Delphiniums are forms of Delphinium Chinense, height 2-3 ft. Though perfectly hardy perennials, they have the special merit of developing to full size the first year, when sown in frame in February or March. All three colors are large flowered.

**5290—Chinese Azure Fairy.** Blue, fine for cutting. Pkt. 10c, ¼-oz. 50c.

**5291—Chinese Blue Butterfly.** Pkt. 10c, ¼-oz. 60c.

**5292—Chinese Album White.** Pkt. 10c, ¼-oz. 50c.

**5292A—Chinese Mixed Pkt. 10c, ¼-oz. 20c, ¼-oz. 35c.**

**5293—Belladonna.** Light blue. Pkt. 25c, ¼-oz. 60c.

**5294—Formosum.** Dark blue. Pkt. 10c, ¼-oz. 60c.

**5295—Cardinale.** Brilliant scarlet. Pkt. 15c, ¼-oz. 50c.

**5296—Bellamosum.** Same color as Formosum, larger, not subject to blight. Pkt. 15c, ¼-oz. \$1.25.

**5296A—Zalil.** 3 ft. Sulphur yellow. Seed germinates very slowly. Seeds, 25c per pkt.

**5296B—Delphinium.** Gold medal hybrids mixed. Pkt. 10c, ¼-oz. 50c.

### LARKSPUR

Annual

The annual Larkspurs are quite hardy and bloom in the later summer months, furnishing flowers of striking beauty in form and color. Tall varieties are suitable for shrubberies and borders, while the dwarf sorts produce charming effects in beds. Height 1 to 2 feet.

**5297—Dwarf Rocket.** Finest colors. Double Mixed. Pkt. 10c, ¼-oz. 20c, oz. 50c.

**5299—Emporer.** Branching mixed. Pkt. 10c, oz. 50c.

**5300—Giant Hyacinth-Flowered Mixed.** 3 feet. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors. Pkt. 10c, oz. 50c.

**5298—Tall Double Stock Flowered.** Finest mixed. Pkt. 10c, oz. 50c.

**5300A—Tall double stock flowered blue rose.**

**5300B—Tall double stock flowered blue rose.**

### DIDISCUS—Lace Flower

Annual

**5301—Hugelia Coerulea.** A rare lovely free-flowering half-hardy annual, growing about 18 inches high and branching nicely. Flowers light blue or lavender, very dainty and beautiful. Plants set in the garden bloom from June until late fall. Pkt. 10c.

### EVERLASTINGS

Everlastings have become popular again; winter bouquets of your own growing make an attractive present for a friend, besides supplying during the long cold winter when flowers are scarce, a bit of brightness for your own home. The drying is a simple operation. Cut before fully expanded, bunch like sweet peas and hang on a line in a warm, dark, dry room. They will dry thoroughly in ten days.

Annals

**5097—Everlasting Flowers.** All kinds mixed. Pkt. 10c.

**5071—Aerolinum Roseum.** 2 ft. Pkt. 10c.

**5089—Ammobium Alatum Grandiflorum.** 2½ ft. Pkt. 10c.

**5341—Gomphrena.** Globe Amaranth. Mixed, all colors. Pkt. 10c.

**5347D—Helichrysum.** Strawflowers. 2 to 3 ft. Special Mixture. Pkt. 10c.

**5346—Rhodanthé.** 1 ft. Mixed colors. Pkt. 10c.

**5601—Statice Russian.** Suworowi. Pkt. 10c.

**5599A—Bonduelli.** Pkt. 10c.

**5599—Sinuata True Blue.** Pkt. 10c.

**5597—Sinuata White.** Pkt. 10c.

**5672—Xeranthemum Double Mixed.** 2 ft. Pkt. 10c.

Perennials

**5344—Gypsophila Paniculata Fl. Pl.** Baby's Breath. Pkt. 25c.

**5395—Lunaria Biennis, Honest or Peter's Pence.** Pkt. 10c.

**5601—Statice Latifolia.** Sea Lavendar. Pkt. 10c.

All the Ornamental Grasses.

**FEVERFEW—See Matricaria.**

**ESCHSCHOLTZIA—California Poppy**

Hardy Annual



The California Poppy is an exceptionally handsome flower. It adorns the fields and railway embankments. If your premises have a wild or uncultivated plot, by all means plant some Eschscholtzia seed. It grows easily and once seeded will reseed itself. Sow the wild sort by the pound over the hillside. Multiply the native flowers by the thousands. The leaves of Eschscholtzia are fine cut and feathery. Sow in the fall out in the open for the plants do not transplant well. Height, 1 to 1½ feet.

**5304—Carmine King.** Beautiful carmine rose color, both on the interior and exterior of the flower. Pkt. 10c, oz. \$1.00.

**5305—Golden West.** Flowers bright yellow and orange, penciled and blotched. Pkt. 10c, oz. 50c.

**5306—Mandarin.** Inner side of the petals orange, the outer side brilliant scarlet. Pkt. 10c, oz. 75c.

**5307—Mikado.** Flowers lustrous orange-crimson, very brilliant. Pkt. 10c, oz. 75c.

**5308—The Geisha.** Orange red outside, rich golden within. Pkt. 10c, oz. \$1.00.

**5311—Thorburni** Coppery Orange. Pkt. 10c, oz. 75c.

**5310—Double and Semi-Double Mixed.** Pkt. 10c.

**EUPHORBIA**

These are valuable for the showy variegation of the leaves. Plant seed early in May.

**5313—Marginata.** Snow on the Mountain. Of open free branching growth; 3 feet in height. The large dark green leaves are bordered with a broad band of snow-white. Pkt. 10c, ¼-oz. 25c.

**5314—Heterophylla.** Mexican Fire Plant. This plant is somewhat similar to the Poinsetta and produces large bracts of brilliant scarlet leaves on top of each spike. Grows quickly from seed sown in the open early in May. Height, 2½ to 3 ft. Pkt. 15c, ¼-oz. 45c.

**FORGET-ME-NOT—Myosotis**

Hardy Perennial

These dainty little flowers love cool, moist soils, and, like pansies, bloom freely in fall and early spring. They make beautiful close borders, or edgings, and will bloom nicely in winter in a cool room or coldframe. They establish themselves by self-seeding. Sow in spring in a warm, sunny border. Most varieties bloom freely the first season and profusely the second. Average height, 6 to 12 in.

**5315—Alpestris Victoria.** Strong-growing; dwarf; flowers large, globular, sky-blue, abundant; fine for borders, pots or cutting. Pkt. 15c.

**5316—Hybrida, Ruth Fischer.** Pure Forget-me-not blue. Fine for cutting and for hanging baskets. Can be forced successfully and, owing to its extreme hardiness, it is valuable for spring bedding in open ground. Pkt. 25c.

**5317—Palustris.** True Forget-me-not. Dark blue; stems creeping at the base; blooms the second year abundantly all season; the best known of all. Pkt. 15c.

**5318—Palustris semperflorens.** Bright blue; a dwarf form of *M. palustris*, blooming from spring until autumn; foliage a good shade of green. Pkt. 15c.

**5319—Alpestris.** Of trailing habit, with pretty blue flowers. Pkt. 10c, ¼-oz. 40c.

**5312—Brilliant Mixed.** Pkt. 10c, oz. 50c.

**FOUR O'CLOCK—Mirabilis**

Favorite half-hardy annual of the east culture and very suitable for large beds and borders. Called Four O'Clock because it opens its blossoms at that hour in the afternoon. Also known as Marvel of Peru. Handsome, free-flowering, sweet-scented; blossoms variegated, striped and of various colors.

**5319½—Tall Mixed.** Pkt. 10c, ¼-oz. 25c.

**5320—Dwarf Mixed.** Pkt. 10c, ¼-oz. 30c.

**FOXGLOVE—Digitalis**

Hardy Biennial

The tall flower-spikes of the Foxglove often 2 to 3 feet in height, are particularly handsome when grown among shrub-ground for lower-growing plants, they ery or in bold masses, and as a back-are very attractive. Hardy perennials, they are most satisfactory when treated as biennials. Sow the seed out of doors in spring and transplant the seedlings into their permanent places. They will bloom magnificently the following spring; give them a deep soil in partial shade.

**5320A—The Shirley Hybrids.** 6 to 7 ft. The flower heads are over 3 feet long covered with bell shaped blossoms. Colors range from white and shell pink to deep-rose. Many attractively dotted with crimson and chocolate. Pkt. 10c.

**5321—Mixed Gloxinia.** Pkt. 10c, ¼-oz. 30c.

**5322—Gloxinia Flowered Purple.** Pkt. 10c, ¼-oz. 40c.

**5323—Grandiflora Yellow.** Pkt. 10c, ¼-oz. 50c.

**5323A—Grandiflora, white.** Pkt. 10c, ¼-oz. 25c.

**5323B—Grandiflora, Rose.** Pkt. 10c, ¼-oz. 25c.

**5320B—Digitalis Purpurea.** Mixed, many colors. Pkt. 10c.

**FREESIAS**

These are well known for their delightful fragrance. Seeds should be sown in flats and transplanted after the bulb has formed. Will bloom the first year from seed.

**5314A—Refracta Alba.** White. Pkt. 10c.

**5314B—Rainbow Hybrids.** Very attractive because of their unique colorings and shadings. Pkt. 15c.



**GAILLARDIA—Blanket Flower**

Hardy Perennial

Both the annual and perennial varieties of Gaillardia are very showy and free bloomers all summer long until frost; good in any situation and easily grown. The individual flowers are of large size, very durable, and most brilliant in color; fine for bouquets, 2 to 3 ft.

**5324—Grandiflora maxima.** Golden yellow. 2½ ft. Pkt. 10c, ¼-oz. 25c.

All the following Picta sorts are most elegant annuals and well deserve generous plantings.

**5325—Picta,** Red and yellow; very brilliant. Pkt. 10c, ¼-oz. 25c.

**5326—Picta, Lorenziana.** Double; mixed colors. Pkt. 10c, ¼-oz. 50c.

**5326A—Gaillardia Grandiflora.** This superb new strain of Gaillardias bears flowers of very large size, the color ranging through shades of bronzy red with the characteristic golden tipped petalage and robust vigor of the well known Portola variety. A splendid cut flower. Pkt. 10c, ¼-oz. 25c.

**GENTIANA**

Perennial

Showy hardy perennials, valued for their beautiful, intense blue flowers early in the season.

**5327—Acaulis.** Blue Gentian. Dark blue. 3 in. Pkt. 10c.

**GERANIUM**

Perennial

Most valuable greenhouse plants blooming continuously. For bedding in the outdoor garden nothing equals them. 1½ ft.

**5328—Zonale.** Scarlet. Pkt. 0c.

**GEUM**

Perennia'

Handsome hardy perennials; bloom freely all season; fine for bouquets. 1½ ft.

**5330—Lady Stratheven.** The grand double flowers are a magnificent golden yellow; 2 ft. tall. Is a handsome Geum for beds or borders. Very free blooming. Pkt. 20c, ½-oz. 50c

**5331—Mrs. J. Bradshaw.** Large; brilliant scarlet. Double flowers. Pkt. 10c, ¼-oz. 50c.

**GILIA**

Hardy Annual

Pretty hardy annuals that bloom most freely and continually the whole season. Do finely in any situation; look well on lawn and in beds; are good for rockeries and can be planted at any time. 1 ft.

**5332—Dwarf Mixed.** Pkt. 10c, ¼-oz. 25c

**GODETIA**

Hardy Annual

Favorite, free-blooming, hardy annuals with widely opened and lovely flowers of satiny texture, and of the most delicate and lovely colors. They are beautiful for growing in shaded places, where so few really fine flowers will flourish. Sow seeds in the open border in spring, or in a cold-frame, and transplant seedlings to stand a foot apart in rather thin soil. Fine for cut flowers. Average height, 1 ft.

**5333—Crimson Glow.** Intense, dazzling crimson; fine compact grower; very floriferous. Pkt. 10c, ¼-oz. 25c.

**GODETIA—Continued**

**5334—Duchess of Albany.** Satiny white. Pkt. 10c, ¼-oz. 20c.

**5335—Gloriosa.** Lord Roberts. Darkest red; drawf. Pkt. 10c, ¼-oz. 25c.

**5336—Lady Albemarle.** Dark crimson. Pkt. 10c, ¼-oz. 25c.

**5337—Lady Satin Rose.** G. Whitney compacta, Brilliant. Bright carmine. Pkt. 10c, ¼-oz. 25c.

**5338—Rosamund.** Large; glossy pink. Pkt. 10c, ¼-oz. 25c.

**5339—Tall Mixed.** Pkt. 10c, ¼-oz. 20c.

**5340—Dwarf mixed.** Pkt. 10c, ¼-oz. 25c.

**GOMPHRENA**

Annual

These well-known, hardy annuals are among the most popular of the Everlasting for dried winter bouquets; also well adapted for beds and edgings in the garden. Their round heads of flowers are also called Bachelor Button.

**5341—Globe Amaranth.** 1 ft. Pkt. 10c, oz. 40c.

**GOURDS**

Annual

These are desirable in many places where an immense amount of vine is wanted quickly. The blooms of some are quite striking and handsome. With many sorts the fruit is unique and ornamental and often useful. The small fancy gourds are excellent toys for children, while the large gourds may be used as dippers, sugar troughs and bowls. Height 20 feet.

**5342—Calabash or Pipe Gourd.** Pkt. 10c.

**5343—Mixed Ornamental.** Pkt. 10c.

**GY SOPHILA—Baby's Breath**

Both the annual and perennial varieties are most easily grown; very graceful delicate flowers and foliage; fine for rock-work or shrubbery and bouquets, 2 ft.

**5344—Elegans Grandiflora Alba.** Large-flowering; white. Pkt. 10c, oz. 40c.

**5345—Elegans Rosea.** Rose. Pkt. 10c, oz. 50c.

**5346—Paniculata.** Perennial. White; fine for bouquets. Pkt. 10c, ¼-oz. 25c.

**5347—Paniculata.** Perennial. fl.pl. Fine clusters of double white flowers; rare; foliage very dainty and filmy; very fine for cutting. Pkt. 10c, ¼-oz. 60c.

**HELENEUM—Sneezewort**

Delightful perennials allied to the Helianthus. Sunflower. Splendid and lasting as cut flowers.

**5361A—Riverton Gem.** Height 2 to 3 feet. Covered from August to October with brilliant old gold and splashes of darker shades changing later to wallflower red. Pkt. 10c.

**HEUCHERA—Alum Root**

They are of simplest cultivation and thrive well in ordinary garden soil. Their dainty sprays of rose carmine flowers make them invaluable for cutting.

**5361B—Sanguina.** Height 2 ft. July and August. Long stems of large crimson scarlet flowers. Splendid for cutting. Pkt. 25c.

**HYACINTH BEAN**

Annual

**5362—Dolichos Lablab.** Rapid growing ornamental, climbing annuals, bearing clusters of beautiful purple and white flowers, followed by highly ornamental seed pods. Mixed. Pkt. 10c, oz. 20c.

**HELICHRYSUM**

Annual



A very beautiful annual everlasting flower, available in a wide range of colors. If cut before quite developed the flowers are very lasting.

**5347A—Monstrosum.** Golden Ball. Pkt. 10c, oz. 60c.

**5347B—Monstrosum.** Fire ball. Pkt. 10c, oz. 60c.

**5347C—Monstrosum.** Silver ball. Pkt. 10c, oz. 60c.

**5347D—Monstrosum.** Finest Mixed. Pkt. 10c, oz. 40c.

**HELIOTROPE**

Greenhouse Perennial

These favorite greenhouse and bedding plants are highly valued for their scented flowers; succeed best in light but rich soil; bloom first season from seed. 1½ ft.

**5347E—Madame Bruant.** Large-flowered, dark lilac, superb. Pkt. 15c.

**5347F—Finest Mixed.** Pkt 10c, ¼-oz. 25c.

**HIBISCUS—Rose Mallow**

Perennial

Noble, shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. Very hardy. Suitable for garden and indoor use when cut.

**5347G—Mixed Mallow Marvels.** Grand assortment. Pkt. 10c, ¼-oz. 30c.

**HOLLYHOCK**

Perennial

One of the best hardy garden flowers. Makes a charming hedge or background. Hollyhock rust is the bane of every person who tries to grow hollyhocks. There is no remedy, but much can be done to prevent it and reduce the damage by spraying the plants with Bordeaux mixture. 6 to 8 ft. August to September.

Double Varieties

**5348—White**

**5349—Rose**

**5350—Salmon**

**5351—Crimson**

**5352—Maroon**

**5353—Black**

**5354—Yellow**

**5355—Blood Red**

Each color, Pkt. 10c, 5356—Mixed Pkt. 10c, ¼-oz. 50c.

**HOLLYHOCK—Continued**

**5357—Newport Pink.** The finest pink, exquisite shade. Pkt. 15c.

**5358—Allegheny Mixed.** Flowers come single, semi-double and double, seldom less than 5 inches across, and are beautifully fringed. They are perpetual bloomers, 2 to 4 buds forming at the base of every leaf, where the old-style Hollyhocks have but 1 or 2. These buds open in succession, prolonging the flowering season until autumn. Pkt. 10c, ¼-oz. 40c.

Single Varieties

More permanent and hardy than the double and when planted with a deep background, such as arborvitae hedge, they afford a most striking effect. Fine among shrubbery and will last for years when once established.

**5359—Mixed.** Pkt. 10c, ¼-oz. 35c.

**HUMULUS JAPONICUS**

Tender Annual

Rapid summer climber; the foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it.

**5360—Green Leaved.** Pkt. 10c, ¼-oz. 35c.

**5361—Variegated Leaved.** The large, handsome leaves are beautifully variegated white, green and yellow. Pkt. 10c, ¼-oz. 50c.

**HUNNEMANNIA**

Hardy Annual

**5363—Fumariaefolia.** Bush *Escholtzia*, or *Yellow Tulip Poppy*. 1½ ft. The plants grow into a shrubby bush and produce their large cup-shaped flowers 3 in. across on stems 12 in. long. The color is of a clear, bright yellow; the petals are broad and crinkled, like crushed satin. The cut blooms keep in water two weeks. Pkt. 10c, ¼-oz. 35c.

**ICE PLANT**

Tender Annual

**5364—Mesebryanthemum Crystallinum.** 6 in. Foliage very ornamental, being covered with ice-like globules and prized for garnishing; a valuable plant for dry, sunny situations on banks, rockwork, old walls and ruins, etc., also for sunny borders. Pkt. 10c, ¼-oz. 25c.

**JOB'S TEARS.**—See *Coix Lachrymae*.

**INCARVILLEA**

Hardy Perennial

**5365—Delavayi.** Hardy *Gloxiana*. 2 ft. June. Splendid gloxinia-like flower borne in large bright rose umbels. Likes a sunny location. Seeds, Pkt. 25c.

**IPOMEA—Morning Glory**

Annual

**5366—Imperial Japanese Morning Glories.** The colors run from snow white through all possible shades of blue and red, from palest pink to darkest reds and purples. Flowers are streaked, mottled and bordered in wonderful fashion. The leaves are also very handsome; ivy-like and heart-shaped, some are rich green, while others are streaked and marbled with white or yellow. Pkt. 10c, ½-oz. 20c; 1 oz. 30c, ¼-lb. 75c.

**5368—Rochester.** Flowers 4 to 5 in. across, deep violet blue in the throat, blending out to an azure blue, bordered with a wide white band around the edges. Pkt. 10c.

**5369—Rubro-Coerulea.** Heavenly Blue. Deep pure sky blue flowers, delicately shading to white toward the center. One of the most gorgeous blue flowers. Pkt. 10c.

**CONVOLVULUS**

**5371—Major.** Tall Mixed. Pkt. 10c.

**5372—Minor.** Dwarf Mixed. Pkt. 10c.

**5373—Double Mixed.** Pkt. 10c.



**IPOMEA—Moonflower**

- 5374—*Ipomea. Noctiflora* Black Seed. Pkt. 10c.  
5375—*Ipomea. Noctiflora* White Seed. Pkt. 10c.

**KOCHIA—Improved Summer Cypress**

- A rapid-growing, hardy annual; foliage green, turning to fiery red in autumn; very ornamental on the lawn. 2 to 3 ft.  
5376—*Kochia Childsii*. Giant Kochia. Pkt. 10c.  
5377—*Trichophylla*. Pkt. 10c, 1/4-oz. 30c.

**KUDZU VINE**

Perennial

- 5378—*Thunbergiana*. Kudzu Vine. or Jack-and-the-Bean-Stalk. 50 ft. Flourishes where nothing else will grow. The large bold leaves of the brightest green afford a dense shade. Its greatest feature is its wonderful strong growth. Pkt. 10c, 1/4-oz. 25c.

**LANTANA**

Annual Pot Plant

- 5379—*Hybrida. Mixed*. 2 ft. Shrubby plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer, remains in bloom late in autumn. They have an agreeable aromatic perfume. Pkt. 10c, 1/4-oz. 25c.  
LARKSPUR—See Delphinium.

**LATHYRUS LATIFOLIUS**

Perennial Sweet Pea

- These have not the fragrance of sweet peas, but bloom through a long season; are hardy and will live for years; they make a beautiful screen for rocks, stumps, fences, etc. 4 to 8 ft.

- 5380—Crimson. Beautiful shade. Pkt. 10c.  
5381—Pink Beauty. Blossoms white, veined, edged and shaded pink. Pkt. 10c.  
5382—White. Valuable for cut flowers. Pkt. 10c.  
5384—Red. Pkt. 10c.  
5383—Mixed. Pkt. 10c, 1/4-oz. 75c.

**LAVENTULA**

Perennial

- Delightfully fragrant flowers, much used when dry on account of their sweet odor.

- 5385—*Vera*. True Lavender. June-August. Blue. 2 ft. Pkt. 10c.

**LILIUM REGALE**

- 5385A—*Royal Lily*. The plants grow 4 to 6 feet tall, bearing immense blooms. They are paper white shaded with pink. It is a stately and most beautiful Lily, which is quite easily raised from seed. Pkt. 25c.

**LINARIA—Toad Flax**

Perennial

- Showy free flowering plants of a trailing habit. Good for borders, window boxes or rockeries.

- 5386—*Cymbalaria*. Kenilworth Ivy. 3 in. Dainty lilac and orange; flowers throughout summer; trailing habit. Pkt. 10c.  
5386A—*Maroccana Hybrida* Excelsior. Mixed. Annual, very effective. Pkt. 15c.

**LINUM—Flax**

Perennial

- 5387—*Perenne*. Perennial. 2 ft. Pearly blue flowers. A graceful hardy perennial. Pkt. 10c.

- 5388—*Album*. Perennial. Milk white flowers, very decorative. Pkt. 10c.

- 5389—*Flavum*. Perennial. 1 ft. Yellow. Pkt. 10c.

- 5390—*Grandiflorum Rubram*. Crimson Flax. Annual. 2 ft. One of the most brilliantly colored of summer annuals, flowers glowing crimson-rose. Very beautiful in beds and borders, and may be had in bloom from May to October by successive sowings. Pkt. 10c, 1/4-oz. 20c.

**LOBELIA**

The *Erinus* Varieties bloom very quickly from seed and flower all through the season. For beds, edgings, baskets and pots there is nothing prettier. Sow outdoors in early spring where the plants are to grow, and thin moderately, or transplant several inches apart in rich, open soil. Some stimulant given when they are in bloom greatly improves the flowers. Almost all are also good winter conservatory plants of trailing habit. The perennial or tall varieties are handsome, showy plants and will be found quite effective for backgrounds and grouping.

**ERINUS VARIETIES**

Annual

- 5391—*Gracilis*. Blue; trailing; beautiful for baskets. Pkt. 10c.  
5392—*Speciosa*, *Crystal Palace*. A favorite blue-flowered edging plant. 6 in. Pkt. 10c.  
5393—*Erecta*, *Crystal Palace Compacta*. Dark blue, for bedding. 6 in. Pkt. 10c.  
5391A—*Lobelia Hamburgica*. Charming plant for hanging baskets, with dark foliage and light blue white-eyed flowers. Pkt. 10c.

**PERENNIAL VARIETIES**

Standing bold and erect with its crimson-scarlet flowers, this handsome, native perennial *Lobelia* is invaluable for the border or grouping among evergreens. 2 1/2 ft.

- 5394—*Cardinale*. Cardinal Flower. Pkt. 10c.

- 5394—*Syphilitica*. 3 ft. August-September. A native wild flower. Fine spikes of blue flowers. Pkt. 10c.

**LUNARIA**

Annual

- 5395—*Biennis*. Honesty or St. Peter's Penny. Flowers purple, followed by silvery seed pods, prized for winter decoration. Seeds. Pkt. 10c.  
5396—*Alba*. Pure White. Seeds. Pkt. 10c.  
5396A—Crimson. Pkt. 10c.

**LUPINUS**

Annual Varieties

These garden favorites are among the most beautiful of our hardy annuals, extremely varied in color, of the easiest culture, and bloom all summer. Splendid for beds, borders and backgrounds. 2 to 3 ft.

- 5397—*Mixed*, *Rose*, *Sky Blue*. Pkt. 10c, 1/4-oz. 30c.  
5397A—*Rose*. Pkt. 10c.  
5397B—*Sky Blue*. Pkt. 10c.  
5397G—*Texas Blue Bonnet*. *Subcarnosus*. The Deep Blue Texan Lupine. Long spikes with large flowers of rich deep blue. It blooms profusely during June, July, and August; 18 inches tall. Pkt. 10c.

**LUPINUS—Polyphyllus**

Perennial

Most beautiful hardy border plants producing tufts of soft green foliage, from which arise in continuous succession the stately spikes of bloom.

- 5397C—*Blue*. 3 ft. Stately spikes of blue, flowers all summer. Pkt. 10c.  
5317D—*Albus*. Large, pure white spikes. Pkt. 10c.  
5397E—*Roseus*. 4 ft. Light and dark rose flowers on long stem; fine for cutting. Pkt. 10c.

- 5397F—*Mixed*. Splendid value. Pkt. 10c.

**LYCHNIS**

Hardy Perennial

Free-flowering, hardy perennials, with brilliantly colored flowers; excellent for massing in beds and borders.

- 5398—*Haageana Hybrids*. Mixed, fine colors. 1 ft. Pkt. 10c.  
5398A—*Arkwrightii*. New. A cross between *Chalcondia* and *Haageana*. Height 2 to 3 ft. Rich effective colors. Pkt. 25c.



### MARIGOLD—*Tagetes*

Hardy Annual

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The African have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders; the French are dwarfer in growth, with beautifully striped flowers, and better suited for low beds or borders; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts, in combination with a few blue Larkspurs or Cornflowers, is very striking.

### TALL AFRICAN VARIETIES

Splendid for cutting and decoration. Height 3 feet.

**5401—Orange Ball.** Enormous double flowers of rich deep golden orange. Pkt. 10c, ¼-oz. 25c.

**5402—Lemon Ball.** Extra large double flowers of a clear canary yellow. Pkt. 10c, ¼-oz. 25c.

**5403—Eldorado.** Double flowers of large size in all shades of yellow. Pkt. 10c, ¼-oz. 25c.

**5404—Tall African Mixed.** All shades. Pkt. 10c, ¼-oz. 25c.

### MALOE—Mallow-Wort

Hardy Annual

Showy plants for large mixed flower and shrubby borders. The flowers are large and handsome. Height 2 ft.

**5399—Finest Mixed.** Pkt. 10c.

### MATRICARIA

Perennial

**5415—Capensis Fl. Pl.** Feverfew. 3 feet. Neat small, double white flowers, well adapted for bedding and cutting. They are perennials in mild climate, but in our latitude are treated best as annuals. Pkt. 10c, ¼-oz. 30c.

### MAURANDIA

Greenhouse Perennial

**5416—Mixed.** 10 ft. Slender grower and abundant bloomer. Very desirable for greenhouse and garden. Elegant Gloxinia-like flowers, which range through white, rose, blue and purple in color. Pkt. 10c; ¼-oz. 50c.

### MIGNONETTE—*Reseda Odorata*

Annual

Seed of this popular, hardy annual can be sown at any time, and if successive sowings are made its fragrant, modest-colored flowers may be gathered outdoors until November. Sow in pots or boxes under glass in February or March, and thin or pot off the seedlings to make good plants for bedding out in April. Sow outdoors in rows about April 1, and again regularly at intervals of about three weeks till August, a row or two at a time for succession. The July sowing will make good winter-flowering plants. 1 foot.

**5417—Reseda Odorata Grandiflora.** Sweet Mignonette. Pkt. 10c, oz. 25c.

### DWARF FRENCH MARIGOLDS

These form small, compact bushes about 12 inches high, covered with smaller but very rich colored flowers. Fern-like foliage.

**5405—Dwarf Golden.** Flowers ball-shaped, pure golden yellow. Pkt. 10c, ¼-oz. 30c.

**5406—Dwarf Brown.** Rich reddish-brown or mahogany marked with orange; double. Pkt. 10c, ¼-oz. 30c.

**5407—Dwarf Gold Striped.** Very double, mahogany red, striped with gold. Pkt. 10c, ¼-oz. 30c.

**5408—Dwarf French Mixed.** All shades. Pkt. 10c, ¼-oz. 30c.

### Dwarf French Single

**5414—Finest Mixed.** Pkt. 10c, ¼-oz. 30c.

**5410—Signata Pumila.** A miniature Marigold, forming compact little plants 6 to 8 inches high, and completely covered with flowers, which are bright yellow with brown stripe down the center of each petal. Very striking for edgings. Sow seed in spring in boxes and transplant. Pkt. 10c.

### French Tall Double

**5411—Striped Mixed.** Pkt. 10c, ¼-oz. 30c.

**5412—Finest Mixed.** Pkt. 10c, ¼-oz. 25c.

**5413—Electric Light.** Double Legion of Honor. Pkt. 10c, ¼-oz. 30c.

We carry a stock of fine healthy plants in season.

**5418—Golden Queen.** Golden yellow. Pkt. 10c, ¼-oz. 25c.

**5419—Goliath.** Red; enormous spikes; striking; very sweet-scented. Pkt. 10c, ¼-oz. 35c.

**5420—Machet Dwarf.** Deep red. Pkt. 10c.

**5421—Dwarf Machet.** Mixed. Pkt. 10c, ¼-oz. 35c.

### MIMOSA—Sensitive Plant

Half Hardy Annual

A curious and interesting half-hardy annual with pinkish flowers, leaves close when touched. 1½ feet.

**5422—Pudica.** Pkt. 10c, ¼-oz. 25c.

### MIMULUS

Annual

**5423—Moschatum.** Musk Plant. Musk-scented leaves, tiny yellow flowers. Pkt. 25c.

**5424—Tigrinus.** Monkey Flower. 10 in. Queen's Prize, Single Mixed. Dwarf bushy plants, with large Gloxinia-like flowers, ranging in color through white, pale yellow, golden, flesh, crimson and maroon; handsomely blotched and striped. Does best in partial shade. Pkt. 10c.

### NEMESIA

Hardy Annual

Free blooming dwarf bushes for pot culture and open borders. Sow in spring under glass, and transplant; or sow out of doors in May, in patches, where they are intended to flower.

**5443—Large Flowered Mixed.** 1 ft. Is the finest strain of the most popular flower, both for size and massive build of the individual flowers, also for the richness and variety of colors. Pkt. 10c, ¼-oz. 35c.

**5444—Blue Gem.** One of the best blue annuals for bedding; 7 inches. Pkt. 10c.



# NASTURTIIUM

Annual

**Dwarf Tom Thumb—Tropaeolum Nanum**  
These have neat, compact habit and attractive foliage; they bloom in two months from sowing, and most profusely the whole season; 1 ft.

**5425—Beauty.** Yellow and scarlet. Pkt. 10c.

**5426—Chameleon.** Mottled crimson, bronze and yellow; very fine. Pkt. 10c.

**5427—Empress of India.** Deep crimson; fine dark foliage. Pkt. 10c.

**5428—Golden Cloth.** Golden yellow leaves; scarlet flowers. Pkt. 10c.

**5429—King of Tom Thumbs.** Scarlet; fine color. Pkt. 10c.

**5430—King Theodore.** Black, velvety; darkest of all. Pkt. 10c.

**5431—Lady Bird.** Spencer. Golden yellow, spotted red brown; foliage light green. Pkt. 10c.

**5433—Mixed, Spotted Varieties.** Spotted, blotched and marbled sorts. Pkt. 10c.

**5434—Mixed, Dwarf.** Oz. 15c, ¼-lb. 50c, ½-lb. 90c, lb. \$1.75.

**Tall or Climbing.** Tropaeolum Majus. Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot plants for wintering, as screens, or as trailers for hanging baskets and vases; 8 to 12 feet.

**5435—Dark Crimson.** Pkt. 10c.

**5436—Jupiter.** Giant flowered; beautiful golden yellow. Pkt. 10c.

**5438—King Theodore.** Black. Pkt. 10c.

**5439—Scarlet.** Pkt. 10c.

**5440—Schulzi.** Darkest leaved scarlet. Pkt. 10c.

**5441—Mixed, Tall.** Pkt. 10c, oz. 15c, ¼-lb. 50c, ½-lb. 85c, lb. \$1.50.

**Lobb's Climbing.** Tropaeolum Lobbianum. This class is remarkable for the intensely brilliant colors of its flowers, which are a trifle smaller than those of other sorts. In moderately rich soil they climb high and bloom brilliantly. Average height, 6 feet.

**5442—Finest Mixture.** Oz. 15c, Pkt. 10c, ¼-lb. 50c.



# NEMOPHILA

Annual

Very pretty, dwarf-growing hardy annuals of easy culture; continuous bloomers; cup-shaped flowers of brightest colors. Good in pots, edgings, rockeries or beds; moist soil and partial shade is favorable for them. 1 ft.

**5445—Finest Mixed.** Pkt. 10c, oz. 50c.

# NICOTIANA

Annual

Sweet Scented Tobacco Plant  
An effective annual of easy culture.

**5446—Affinis Tuberosa-flowered Tobacco.** Most showy and profuse bloomer, giving a continuous display of waxy white flowers right through the summer and autumn. They commence to bloom a few weeks from sowing. The plants are of branching, bushy habit, 2 to 3 feet high; carry their flowers in clusters. Delightfully sweet-scented. Sow seed in boxes or pans in the early spring, and protect from frost and cold winds. Plant out as soon as all danger of frost is over. Pkt. 10c.

**5447—Affinis Hybrida.** Splendid hybrids in blue, red and rose shades. Pkt. 10c.

**5448—Sanderac.** A lovely hybrid tobacco of elegant branching habit, and bearing on light, graceful stems great quantities of very beautiful rosy carmine flowers. Pkt. 10c.

**5449—Sylvestris.** 4 ft. A noble-looking plant of pyramidal habit, with long, tubular pure white flowers, borne in dense

panicles, and possessing the merit of remaining fully expanded throughout the day as well as in the evening. Pkt. 10c.

# NIGELLA

Hardy Annual

**Love-in-a-mist, or Devil-in-a-Bush.** Compact growing, free flowering plants with curious looking, showy flowers and finely cut foliage. Colors blue and white. Sow about April and thin to 8 to 10 inches.

**5451—Mixed Colors.** Pkt. 10c, oz. 35c.

**5452—Miss Jekyll.** Cornflower blue. Pkt. 10c, oz. 50c.

# ORNAMENTAL GRASSES

**5453—Ornamental Grasses Mixed.** 2 to 5 ft. These are most useful for winter bouquets when combined with everlasting flowers. They are easily grown in any soil. Pkt. 10c.

**55020—Briza, Maxima.** Large Quaking Grass. Pkt. 10c.

**55021—Briza, Minima.** Small Quaking Grass. Pkt. 10c.

**55022—Eulalia Japonica.** Japanese Eulalia. Charming giant grass, very handsome as single specimens. Pkt. 10c.

**55023—Japonica Zebrena.** White striped foliage. Very ornamental. Pkt. 10c.

**55024—Gynerium Argenteum.** Pkt. 10c.

**55025—Pennisetum, Longystilum.** Pkt. 10c.

**55027—Coix Lachryma.** Job's Tears. Pkt. 10c.

## POOLE'S SUBERB FLOWER SEEDS

### POOLE'S GIANT PANSIES

Poole's Special Giant Flowered or Florist's Strain is unsurpassed.

5454A—Pkt. 25c, 1/8-oz. \$1.00, 1/4-oz. \$1.75, oz. \$6.00.

5455A—Roggli Giants. A new giant flowered sturdy growing class with rare effective colors. Pkt. 25c, 1/8-oz. \$1.25, 1/4-oz. \$2.00; oz. \$7.50.

5454—Poole's International Mixture. This is and always has been, literally, a World's Best Mixture. Composed of well-rounded, perfect shaped flowers of a wide range of coloring and markings. Have thick velvety petals with fluted or semi-double edges, standing erect on good stiff stems with a good healthy growth of plant. While every solid color is represented, there are also all the possible variations of each one of these. Pkt. 25c.

5455—Bath's Empress. A wonderful type of pansy from England. Pkt. 25c.

5456—Odier, Cassier and Bugnot. Mixed. An extremely rich, large flowered mixture. Pkt. 25c.

5457—Non Plus Ultra. A very rich mixture, largely made up of Cassier and Trimardeau varieties. Pkt. 15c.

5466—Trimardeau Giant. Mixed. Pkt. 10c.

5467—Fine Mixed. Pkt. 10c.

5468—Masterpiece. New Giant Curled or Spencer Pansies. The petals are crimped and curled so the flowers appear double. Pkt. 25c, 1/8-oz. 70c.

5469—Mastodon. Private stock mixed. Pkt. 25c.

5474—Fancy Striped. Elegantly striped, splashed, and mottled, a very curious combination of colors that cannot fail to excite astonishment. The flowers are large and freely produced. Pkt. 10c.

5458—Azure-Blue. Very fine color. Pkt. 10c.

5459—Black. Faust; King of the Blacks. Almost coal black. Pkt. 10c.

5460—Bronze. Golden bronze. Pkt. 10c.

5461—Cardinal. Brilliant red; very fine. Pkt. 10c.

5462—Emperor William. Splendid; ultramarine blue; very showy. Pkt. 10c.



5463—Peacock. Large, peacock-blue flowers, edged with white. Pkt. 10c.

5464—Snow Queen. Candissima. Pure satiny white. Pkt. 10c.

5465—Yellow Maroon Eye. Large flowers of distinct coloring. Pkt. 10c.

5475—Violet Blue. A very pleasing shade. Pkt. 10c, 1/8-oz. 40c.

5476—Madam Perret. A splendid giant-flowered strain comprising all shades of red from light rose to dark purple, some of them finely striped. Pkt. 10c.

5477—Snow Storm. Early flowering giant. Pkt. 10c.

5470—Giant Adonis. Light blue, with dark blue face. Pkt. 10c.

5471—Golden Gem. Pure yellow. Pkt. 10c.

5472—Gold Margined. Pkt. 10c.

5473—Dark Blue Early Flowering Giant. Pkt. 10c.

### PASSIFLORA

Half Hardy Annual

5478—Coerulea Grandiflora. Passion Flower. 15 ft. Southern Beauty. A beautiful vine for greenhouse and window. Few effects are more charming than the Blue Passion Flower covering a greenhouse wall with its rich green foliage and skyblue flowers, followed later by an abundance of handsome fruit. Pkt. 10c.

5479—Mixed. All colors. Pkt. 10c.

### PENTSTEMON

Perennial

Beautiful herbaceous perennials; very hardy and free flowering; fine for beds and borders or rock gardens; excellent cut flowers.

5480—Sensation. Although this is a perennial it can easily be grown as an annual. If sown in heat in February or March, they will flower freely the first year, producing large spikes of handsome flowers. Often two inches across and the most brilliant and varied colors. Pkt. 25c.

5481—Large Flowering Newest Hybrids. A splendid assortment of colors. Pkt. 15c.

5481A—Gloxinia Flowered. Fancy mixed. Pkt. 25c, 1/8-oz. 60c.

### PERILLA

Half Hard Annual

An ornamental-leaved, half-hardy annual; for ribbon-gardening and beds; resembles the coleus, 1 1/2 to 2 ft.

5498—Nankinensis. Dark, bronzy purple foliage. Pkt. 10c, 1/8-oz. 20c.

### PETUNIA

Half Hardy Annual

Hybrida. During the whole season it is covered with large, showy blossoms, which are always bright and fresh, in spite of heat and drought. The flowers are of an almost infinite variety of colors and markings, and quite as varied in form; large and small, fringed and plain, double and single. Sow seeds very thinly indoors under glass. Care should be taken to save the weaker seedlings as they produce the finest flowers. Transplant to garden when soil is warm. Height 1 to 1 1/2 feet.

5482—Single Choicest Mixed. Pkt. 15c.

5483—Double Choicest Mixed. Pkt. 35c.

5484—Single Fringed. Finest Mixed. Pkt. 25c.

5486—Giants of California. Choicest Mixed. Pkt. 25c.

#### Single Bedding Varieties

Smaller flowered sorts, found most valuable for beds and masses. 1 ft.

5487—Countess of Ellesmere. Dark rose, with fine white throat. Pkt. 10c.

5488—Howard's Star. Rich crimson; distinct white star in center; very showy and attractive. Pkt. 10c.

5489—Rosy Morn. Bright, rosy pink, with white throat; very charming, compact, and free flowering; for bedding. Pkt. 10c.

5490—General Dodds. The large and well-shaped crimson flowers are borne continuously throughout summer and fall. Pkt. 10c.



## POOLE'S SUBERB FLOWER SEEDS

### PETUNIAS—Continued

**Dwarf Petunias.** This beautiful type is particularly well suited for solid beds or borders. The plants form neat round bushes which are literally covered with thousands of flowers, beginning to bloom in June and lasting until frost.

**5492—Snowball.** Neat and compact bushes of bright green leaves covered with a mass of small white star-shaped flowers. Snowball looks particularly well in solid beds. **Pkt. 10c.**

**5493—Inimitable.** The white flowers are attractively starred and striped with contrasting rich crimson. **Pkt. 10c.**

**5494—Violaacea.** New. Deep violet, fine. **Pkt. 10c.**

**5495—Rose of Heaven.** Very dwarf, rose pink. **Pkt. 10c.**

**5496—Balcony Petunias.** Mixed. **Pkt. 10c.**

**5497—Balcony Blue.** **Pkt. 10c.**

### PHLOX DRUMMONDI—Flame Flower

#### Annual

The hardy annual Phloxes are dazzling in effect, particularly so when sown in masses or ribbon beds of contrasting colors. Few flowers are so easy to grow from seed, so pretty and compact in habit, so quick to bloom, or give such a brilliant display of color for so little cost and care. There are few desirable colors beyond their range, and if given a good soil and plenty of water, they will furnish a long supply of delicate flowers. For pot culture dwarf varieties are valuable and as an undergrowth for tall, bare stemmed plants they are also valuable. The first sowing should be made as soon as the frost is out of the ground in spring, later ones in May, either where the plants are to bloom, or in a seedbed, as the Phlox transplants readily. In transplanting set the taller kinds about a foot apart; if planted too thickly they suffer from mildew. Cutting away the flowers and seed pods makes the plants more bushy and compact, and lengthens their blooming time. Average height 1 ft.

**5499—Grandiflora Alba.** Pure white flowers borne in profusion all summer. **Pkt. 10c.**

**5500—Chamois-Rose.** A soft shade. **Pkt. 10c.**

**5501—Isabelina.** Yellow. **Pkt. 10c.**

**5502—Kermesina Splendens.** Vivid crimson; extra large flowers. **Pkt. 10c.**

**5503—Stellata Splendens.** Star-like; crimson. **Pkt. 10c.**

**5504—Mixed.** Splendid large flowering sorts. **Pkt. 10c, oz. \$2.00.**

**5505—Semi-Double Varieties Mixed.** **Pkt. 15c.**

**5506—Nana Compacta Dwarf.** 8 inches. These are much superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat, little bushes, covered with flowers during the whole summer and fall. **Pkt. 10c.**

**5507—Grandiflora nana compacta.** Mixed **Pkt. 10c, ¼-oz. \$1.00.**

### STAR PHLOX

**5508—Cuspidata.** Star-shaped; many colors. **Pkt. 10c.**

### PERENNIAL PHLOX

This hardy sort makes bushes about 3 feet high bearing large heads of finely colored flowers.

**5509—Decussata Mixed.** **Pkt. 10c.**

### PHYSALIS

**5498—Franchetti Chinese Lantern Plant.** Height 1½ ft. Flowers yellow with white center. Produces baloon like husks, which turn bright red when ripe and resemble Chinese lanterns. **Pkt. 10c.**

### PINKS—Dianthus



Nothing is prettier or more satisfactory than old-fashioned Japanese Pinks. They should be in every garden. They are hardy, about 1 foot high, and bear beautifully colored single and double blossoms in profusion all summer. Sow seed early in boxes and transplant, or sow in rows where the plants are to remain and thin. See also Carnation.

**5510—Chinensis Type. Single Mixed.** **Pkt. 10c, ¼-oz. 25c.**

**5511—Double Mixed.** **Pkt. 10c, ¼-oz. 25c.**

### HEDDEWIGHI

#### Annual

**5512—Crimson Belle.** Single deep crimson. **Pkt. 10c, ¼-oz. 35c.**

**5513—Eastern Queen.** Single rose. **Pkt. 10c, ¼-oz. 25c.**

**5515—Fireball.** Double deep scarlet. **Pkt. 10c, ¼-oz. 50c.**

**5516—Salmon King.** Double salmon. **Pkt. 10c, ¼-oz. 50c.**

**5517—Snowball.** Double white. **Pkt. 10c, ¼-oz. 65c.**

**5518—Finest Double Mixed.** **Pkt. 10c, ¼-oz. 30c.**

**5519—Finest Single Mixed.** **Pkt. 10c, ¼-oz. 25c.**

**5520—Double Imperial Mixed.** **Pkt. 10c, ¼-oz. 25c.**

**5521—Phummaris.** Double Mixed. Clove pink. **Pkt. 10c, ¼-oz. 75c.**

**5522—Laciniatus Double Mixed.** Fringed. **Pkt. 10c, ¼-oz. 50c.**

**5522A—Laciniatus.** Fines mixed single fringed pink. **Pkt. 10c.**

## POOLE'S SUBERB FLOWER SEEDS

### POPPIES



Poppies are noted for their satiny flowers of silk-like texture, in many brilliant color combinations. The foliage is delicate and the blossoms are airy poised on slender stems. If the flowers are gathered early in the morning when the dew is on them, they will remain fresh in water all day. Plant the seed in succession two weeks apart for a continuous bloom all summer. Mix seed with sand before sowing so as to distribute the seed thinly and evenly.

### DOUBLE ANNUAL POPPIES

**5523—Flanders Poppy.** Vivid scarlet-red. This flower has in the minds of men been associated for years with the battlefields of Flanders. Was the first official flower of the American Legion. **Pkt. 10c, ½-oz. 25c, oz. 40c.**

**5524—Tulip.** Glaucum. Large tulip-shaped flowers of dazzling scarlet; not unlike a Scarlet von Thol Tulip. **Pkt. 10c, ¼-oz. 25c.**

**5525—Shirley Mixed.** Beautiful shades in delicate shades of rose, apricot, salmon-pink, and blush to glowing crimson with a sprinkling of blues. **Pkt. 10c, oz. 30c.**

**5526—Eldorado.** 2 ft. The flowers are large, single, semi-double and double, and contain magnificent shades of soft salmon, orange, orange-scarlet, pink, rose and white, without any dark marking whatever. The substance of the petals in some of the lighter shades is as delicate as China silk. **Pkt. 10c, ¼-oz. 25c.**

**5527—Eldorado Salmon Shades.** 2 ft. The introducer made a selection of these most popular shades and these will especially appeal to those admiring pastel shades in flowers. **Pkt. 15c, ¼-oz. 25c.**

**5528—American Flag.** Flowers very large, snow white, scarlet bordered. **Pkt. 10c, ¼-oz. 25c.**

**5529—Double Mixed.** Many kinds and colors. **Pkt. 10c, ¼-oz. 25c.**

**5530—Double Blood Red.** **Pkt. 10c, ¼-oz. 25c.**

**5530A—Double Bright Rose.** **Pkt. 10c, ¼-oz. 25c.**

**5531—Double Peony Flowered.** Finest mixed. **Pkt. 10c, ¼-oz. 25c.**

**5532—Single Shirley.** American Legion, brilliant orange scarlet. **Pkt. 10c, oz. 50c.**

### PAPAVER—Poppy

Perennial

**5533—Nudicaule.** Iceland Poppy. 15 in. Mixed. Elegant free flowering plants bearing flowers in abundance all summer. **Pkt. 10c, ¼-oz. 50c.**

**5534—Brateatum.** 3 ft. Scarlet. **Pkt. 10c, ¼-oz. 50c.**

### ORIENTALE—Oriental Poppy

For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. They produce magnificent effect in shrubberies and herbaceous borders, while for cutting they are invaluable. 3 ft.

**5535—Annual Oriental.** A new strain of the Oriental Poppy, which will bloom the first year if sown early. **Pkt. 25c.**

**5536—Oriental Red.** Very striking color. Perennial. **Pkt. 10c.**

### PORTULACA—Rose Moss

Annual

Brilliant dwarf annuals, only six inches high, luxuriating in warm situations and blooming profusely from early summer to autumn. For low beds and masses of color from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink, white, striped, etc.

**5537—Single Mixed.** **Pkt. 10c, ¼-oz. 40c.**

**5538—Double Mixed.** **Pkt. 10c, ¼-oz. \$1.**

### PRIMROSE—Evening Primrose

Hardy Annual

The *Oenothera* or Evening Primrose blooms all summer very freely; the bright, poppy-like flowers open early every evening and last well into the next day; of the easiest culture in sunny situations.

**5539—Oenothera.** Mixed Annual Varieties. **Pkt. 10c, oz. 25c.**

### PRIMULA—Chinese Primrose

Primula or Chinese Primrose, stands in the first rank among greenhouse plants, and is fine for winter and spring blooming. It is free-flowering and is especially valuable for cut-flowers and for house and window culture. A cool place suits it best. Sow seeds in drills in a light, rich soil, in shallow boxes, at any time from the middle of March to the end of May; the earliest sown seed will naturally produce the earliest bloom. Average height, 9 inches.

**5540—Malacoides.** 10 in. The flowers are of a delicate shade of lavender. **Pkt. 25c.**

**5541—Vulgaris.** Yellow, common English Primrose. **Pkt. 15c.**

**5542—Auricula.** The Primrose of the Alps. Flowers variously colored, mostly yellow; fragrant. **Pkt. 15c.**

### PYRETHRUM

Annual

**5543—Aureum Golden Feather.** 6 in. One of the best plants for edging, grown for its beautiful yellow foliage. **Pkt. 10c.**

### PYRETHRUM ROSEUM—Painted Daisy

Perennial

One of the most valuable of our early summer flowers. Charming color, and wonderful lasting properties as a cut flower; flowers in May and June and frequently in August and September; in all shades of rose and pink.

**5544—Double Mixed.** Extra choice, selected seed. Only a small percentage will be double, balance will be semi-double and single in fine variety. **Pkt. 25c.**

**5545—Single Mixed.** **Pkt. 10c, ¼-oz. 50c.**



## POOLE'S SUBERB FLOWER SEEDS

### RANUNCULUS—Buttercup

Annual

Well known double yellow Buttercup. Effective either as a cut flower or grouped in the hardy borders.

**5545A—Asiaticus.** Flowers in May, variable in color, generally double in form. Pkt. 10c, ¼-oz. 50c.

### RHODANTHE

Half Hardy Annual

Beautiful, delicate-looking Everlasting flowers, much prized for winter bouquets. These half-hardy annuals are also valuable garden plants. Glaucoous gray foliage. 1½ ft.

Annual. The pick of the Australian flora in Everlasting flowers. Immense favorites.

**5546—Maculata.** Bright rose, with dark center. Pkt. 10c, ¼-oz. 35c.

**5547—Maculata alba.** Large; pure white. Pkt. 10c, ¼-oz. 25c.

**5547A—Finest Mixed.** Pkt. 10c; ¼-oz. 25c.

### RUDBECKIA

Hardy Perennial

**5547B—Golden Glow—Newman.** Brilliant orange, yellow petals around a large dark center. Useful for borders or a single group. Sow seed in a sheltered location and transplant when a few inches high. Height 4 to 6 feet. Pkt. 10c.

**5548—Fulgida.** Orange yellow, perennial. Pkt. 10c.

**5549—Large Flowered Yellow.** Pkt. 10c.

### SALPIGLOSSIS—Painted Tongue

Half Hardy Annual



These showy, half-hardy annuals bear beautiful funnel-shaped flowers having dark veins on a ground which varies from white to crimson, yellow, orange, etc. and intermediate shades. They are easily grown, require a light, rich sandy loam and will respond to liberal treatment. Bloom from late summer until frost. 2 ft.

**5554—Grandiflora.** Extra Choice. Mixed. A fine assortment of colors. Pkt. 10c, ¼-oz. 25c.

**5555—Grandiflora Superbissima.** Emperor. Mixed. Finest strain of very large flowers. Pkt. 15c, ¼-oz. 50c.

**5556—Tall Mixed.** Pkt. 10c.

**5557—Dwarf Mixed.** Pkt. 10c.

**5558—Gloxiniiflora Mixed.** 2½ ft. A special selection of the Painted Tube Tongue made by a French hybridizer. Flowers large and fancifully veined in contrasting colors. Pkt. 15c, ¼-oz. 50c.

**5558A—Tall blue and gold shades.** Mixed. Pkt. 10c, ¼-oz. 50c.

### SALVIA—Flowering Sage

Hardy Annual

Very ornamental; flowers borne in

spikes of fiery red or crimson and continue to bloom in open ground until after severe frosts. Start in heat and transplant into light soil, one to two feet apart. Excellent for bedding in masses or single planting.

**5550—Salvia Zurich.** New dwarf early. The finest of all dwarf Salvias. Free flowering. Pkt. 10c.

**5551—Bonfire.** Clara Bedman. One of the finest Salvias ever introduced; compact bush about two feet in height and diameter. Pkt. 10c.

**5552—Splendens, grandiflora.** Scarlet. A rich-flowered bedder; long spikes, 3 ft. Pkt. 10c.

**5553—Ball of Fire.** Very dwarf and compact, ball-shaped variety. Color dull red; large spikes. Pkt. 10c.

### SAPONARIA

Hardy Annual

**5559—Vaccaria Rose.** 2 ft. The light graceful sprays of glistening flowers are produced in greatest profusion. It is so valuable for vase decoration that successional sowings should be made. Pkt. 10c, oz. 50c.

### SCABIOSA—Mourning Bride

Annual

Commonly known as the Pincushion plant. The flower stems are long and the blossoms keep well in water. The soft shades predominate. When given plenty of room and the seed vessels are kept regularly picked off it will last through the whole summer.

### TALL LARGE FLOWERING DOUBLE

**5560—Snowball.**

**5561—Fiery Scarlet.**

**5562—Azure Fairy.**

**5563—Black Prince.**

**5564—Rose.**

Each of above. Pkt. 10c.

**5565—Mixed.** Pkt. 10c, ¼-oz. 25c.

**5566—Dwarf Mixed Double.** Pkt. 10c, ¼-oz. 25c.

**5567—Causasia.** Perennial. Flowers on long stems; fine for cutting. Pkt. 15c.

### SCHIZANTHUS—Butterfly Flower

Annual

This is one of the daintiest of annuals. The seed germinates readily and in a few weeks the plant is a mass of small but bright flowers in a bewildering range of colors, all blotched and marked in contrasting shades. The foliage is delicate and fern like. It may be sown in spring for garden decoration or may be seeded in fall in pots in the conservatory or house for spring blooming.

**5568—Grandiflorus Hybrids.** A grand strain bearing a profusion of large flowers, all with handsome markings on a white, buff, brilliant rose, rich blue or purple ground. Pkt. 25c.

**5569—Wisetonensis.** 1½ ft. Profusion of flowers varying from almost white with yellow eye to a brilliant rose with bronze brown center. Pkt. 10c.

**5570—Mixed.** All colors. Pkt. 10c, ¼-oz. 25c.

**5571—Rose and Amber Shades Mixed.** Pkt. 10c.

### SILENE—Catchfly

Hardy Annual

Bright-colored and free-flowering hardy annuals, suitable for rockwork or garden beds and borders, blooming all summer; succeed finely in any light, loamy soil. 1 ft.

**5572—Pendula.** Red. Pkt. 10c.

**5573—Mixed.** Pkt. 10c.

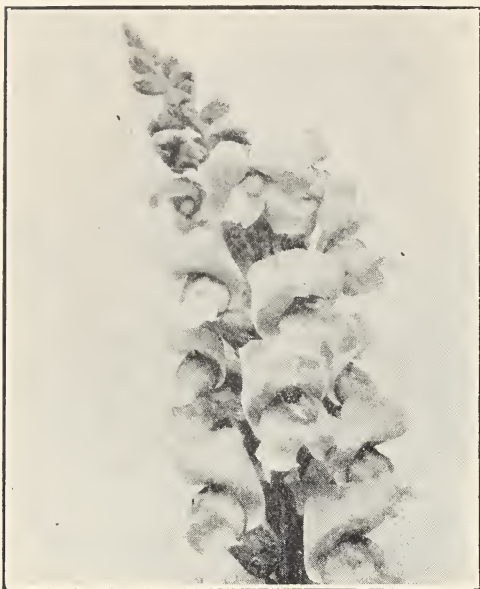
### SMILAX

Greenhouse Perennial  
Medeola Asparagoides—

**5574—A** well known greenhouse climber, with small, dark green foliage; of great value in floral work; 8 ft. Pkt. 10c, ¼-oz. 25c.

## POOLE'S SUBERB FLOWER SEEDS

### SNAPDRAGON—*Antirrhinum* Biennial



For early flowers, sow under glass in February or March and transplant into beds of warm, dry soil moderately enriched. The Snapdragon is treated as an annual and the seed sown every year. Average height, 2 ft.

#### TALL, LARGE-FLOWERING VARIETIES

- 5575—Blood-Red. Fine color. Pkt. 10c, ¼-oz. 35c.
- 5576—Firefly. Scarlet and white. Pkt. 10c, ¼-oz. 35c.
- 5576A—Dark Scarlet. Pkt. 10c, ¼-oz. 35c.
- 5577—Garnet. Pkt. 10c, ¼-oz. 40c.
- 5578—Coral Rose. Pkt. 10c, ¼-oz. 35c.
- 5579—Orange Beauty. Very large flowering, lovely orange-scarlet with gold tip. Pkt. 10c, ¼-oz. 40c.
- 5580—Queen Victoria. Pure white. Pkt. 10c, ¼-oz. 40c.
- 5581—Rose. Pkt. 10c, ¼-oz. 40c.
- 5582—Venus. Delicate pink, with white throat. Pkt. 10c, ¼-oz. 40c.
- 5582A—Scarlet Defiance. Pkt. 10c, ¼-oz. 40c.
- 5582B—Ruby Red. Pkt. 10c, ¼-oz. 40c.
- 5583—White. Beautiful for cutting. Pkt. 10c, ¼-oz. 40c.
- 5583A—Yellow. A pure soft color. Pkt. 10c, ¼-oz. 50c.
- 5584—Large-flowered. Mixed. Fine. Pkt. 10c, ¼-oz. 30c.

#### SEMI-DWARF VARIETIES

Plants of this section make excellent bedders, as they bloom extra profusely and are only about 15 inches high.

- 5585—Cottage Maid. Pale coral pink, white throat. Pkt. 10c, ¼-oz. 40c.
- 5585A—Philadelphia. Pink. Pkt. 10c, ¼-oz. 75c.
- 5586—Crimson King. Bright crimson; a deeper color than Scarlet King. Pkt. 10c, ¼-oz. 50c.
- 5586A—Nefrose. Silvery pink. Fine for floral cutting. Pkt. 10c, ¼-oz. 75c.
- 5587—Golden Beauty. Large, sturdy spikes; rich golden yellow. Pkt. 10c, ¼-oz. 50c.
- 5588—Queen of the North. Pure white; small-leaved. Pkt. 10c, ¼-oz. 50c.

- 5589—Rose Dore. Pretty, self-colored salmon-rose. Pkt. 10c, ¼-oz. 50c.
- 5590—Rose Queen. Rich rose. Pkt. 10c, ¼-oz. 60c.
- 5591—Fine Semi-Dwarf Mixed. Pkt. 10c, ¼-oz. 35c.

#### DWARF LARGE-FLOWERED

- 5592—Rose. Charming shade of old rose. Pkt. 10c, ¼-oz. 75c.
- 5593—White. Flowers in greatest profusion. Pkt. 10c, ¼-oz. 75c.
- 5594—Finest Mixed. Pkt. 10c, ¼-oz. 50c.
- 5594A—Silver Pink. Pkt. 10c, ¼-oz. 75c.
- 5595—Pink Perfection. The spikes are perfectly balanced; the flowers are a beautiful shade of pink, described as Hermosa Pink, slightly suffused with salmon. Pkt. 10c, ¼-oz. 75c.

### STOCKS—*Matthiola*

Annual

Stocks are unsurpassed for bedding, edging, pot culture and for cutting. For fine early flowers sow under glass in March or April, transplanting the seedling when an inch high into other pots or boxes, or into fine soil spread over some discarded hotbed. In May transfer to garden beds of deep, rich soil, setting the plants a foot apart. Transplanting several times in the early stages of growth tends to make them more dwarf and compact. For late flowers may be made in the open ground in May.

#### TEN WEEK STOCKS

**Dwarf Large-flowering.** Long, splendid spikes; large double flowers.

- 5602—Bright Red. Pkt. 10c, ¼-oz. 50c.
- 5603—Carmine. Pkt. 10c, ¼-oz. 50c.
- 5604—Crimson. Pkt. 10c, ¼-oz. 50c.
- 5604A—Lavender. Pkt. 10c, ¼-oz. 50c.
- 5605—Dark Blue. Beautiful. Pkt. 10c, ¼-oz. 50c.
- 5606—Light Blue. Exquisite. Pkt. 10c, ¼-oz. 50c.
- 5607—Rose. Very dainty, light color. Pkt. 10c, ¼-oz. 50c.
- 5608—Snow-white. Pkt. 10c, ¼-oz. 50c.
- 5609—Violet. Pkt. 10c, ¼-oz. 50c.
- 5610A—Aurora. Cream pink. Pkt. 10c, ¼-oz. 75c.
- 5610B—Flesh Color. Pkt. 10c, ¼-oz. 75c.
- 5609A—Wallflower Leaved. Mixed. Pkt. 10c, ¼-oz. 50c.
- 5610—Mixed. Pkt. 10c, ¼-oz. 75c.

### PERPETUAL OR BRANCHING STOCKS

Cut and Come Again

- 5611—Princess Alice. White, large spikes; popular variety for cutting. Pkt. 10c, ¼-oz. 75c.
- 5612—Creole. Canary yellow. Pkt. 10c.
- 5613—May Queen. Pale blue. Pkt. 10c.
- 5614—Mixed. Pkt. 10c, ¼-oz. 50c.
- 5615—Beauty of Nice. Biennial. A beautiful flesh pink. Pkt. 10c, ¼-oz. 75c.
- 5616—Crimson King. Biennial. Splendid crimson. Pkt. 10c.
- 5617—Summer Night. Biennial. Dark blue. Pkt. 10c, ¼-oz. 20c; 1 oz. 50c.

#### EVENING SCENTED STOCK

5618—*Matthiola Bicornis*. 15 inches. The flowers in the morning, evening and after a shower emit a delicate perfume perceptible at a considerable distance. Pkt. 10c, ¼-oz. 20c; 1 oz. 50c.

### STOKESIA—*Cyanea*

5619—Cornflower Aster. A handy perennial, 2 feet high, and bearing large blue flowers on long stems. Blooms freely all summer and fall, and is of easy culture, but is hard to start from seed. Pkt. 10c.



# STATICE

Sea Lavender. Pretty plants for the summer garden in beds or borders; good for rockwork also; much valued when dried as Everlastings for winter bouquets. 1 to 2 ft.

## ANNUAL VARIETIES

- 5596—*Sinuata*. Blue; very fine. Pkt. 10c, ¼-oz. 20c.  
 5597—*Sinuata Candidissima*. White; fine for edging. Pkt. 10c, ¼-oz. 20c.  
 5598—*Sinuata Rosea Superba*. Pkt. 10c, ¼-oz. 35c.  
 5599—*Sinuata True Blue*. A nice blue distinct from the blue offered in the general list which is more of a lavender. Pkt. 10c, ¼-oz. 30c.  
 5599A—*Bondevelli*. Bright yellow. Pkt. 10c, ¼-oz. 20c.  
 5600—*Sinuata*, Lavender. Pkt. 10c, ¼-oz. 40c.  
 5600A—*Choice Mixed*. Pkt. 10c, ¼-oz. 25c.  
 5601—*Russian*. Suworowi. 1 ft. Flowers bright rose color; valuable for winter bouquets. Pkt. 10c, ¼-oz. 40c.



## PERENNIAL VARIETIES

- 5601A—*Caspia*. The multitude of small flowers composed in spikes of a height of 2 to 3 ft. are of a tender lilac color. Pkt. 10c, ¼-oz. 75c.  
 5601B—*Latifolia*. 2 ft. Dense branching plumes of deep blue flowers. Pkt. 10c, ¼-oz. 60c.

## SUNFLOWER—*Helianthus*

Hardy annuals, growing from 3 to 6 feet high. Of the easiest culture and suitable for a stately row or background. Plant when the ground is well warmed, in light or sandy soil.

- 5620—*Argyrophyllus*. Texas Silver Queen. Has handsome silvery foliage and a profusion of small, elegant single flowers. 4 ft. Pkt. 10c, ¼-oz. 15c.  
 5621—*Cucumerifolius*. Of pyramidal growth; small, bright orange, single flowers. 3 ft. Pkt. 10c, ¼-oz. 20c.  
 5622—*Globe-flowered*. Ball-shaped; blooms late. 3 ft. Pkt. 10c, ¼-oz. 15c.  
 5624—*Dwarf Red*. Pkt. 10c, ¼-oz. 20c.  
 5625—*Double California*. Dark yellow. 5 ft. Pkt. 10c, ¼-oz. 15c.  
 5626—*Chrysanthemum-flowered*. Large densely double, bright golden-yellow flowers. The plant branches and affords fine long, stout stems for cutting. This is the best variety in existence. Height, 6 to 8 feet. Pkt. 10c, oz. 35c.  
 5626A—*Perennial Varieties Mixed*. Pkt. 10c.

# SWEET ROCKET HESPERIS

Perennial

5627—Spring-flowering, hard herbaceous perennials; fragrant; easily grown in light soil; transplant frequently; very free-blooming. Pkt. 10c, ¼-oz. 30c.

## SWEET WILLIAM

Hardy Biennial

SWEET WILLIAM—*Dianthus Barbatas*. Remarkably free-flowering plant of brilliant colors, ranging from snow white to darkest crimson and purple, and emitting a very delicate and refreshing fragrance. May be sown in open and thinned to 6 to 8 inches. Height 1 to 1½ feet.

- 5628—*Single Mixed*. Very beautiful. Pkt. 10c, ½-oz. 50c.  
 5629—*Pink Beauty*. Pink. Pkt. 10c, ¼-oz. 35c.  
 5630—*Coppery Red*. Pkt. 10c, ¼-oz. 35c.  
 5631—*Pure White*. Double. Pkt. 10c, ¼-oz. 35c.  
 5632—*Double Mixed*. Pkt. 10c, ½-oz. 35c.  
 5633—*Scarlet Beauty*. Pkt. 10c, ¼-oz. 35c.  
 5634—*Double Blood Red*. Pkt. 10c, ¼-oz. 35c.  
 5634A—*Dummeti*. Crimson. Pkt. 10c.

## THUNBERGIA

Annual

Thunbergia—Black Eyed Susan. Rapid-growing annual climbers; splendid for trailing over trellises, fences, etc., buff, white, orange, etc., four to six feet high. Grows readily from seed sown in the open.

- 5635—*Mixed Colors*. Pkt. 10c, ¼-oz. 45c.

## THALICTRUM—Meadow Rue

Perennial

These stately plants should be more grown on account of their finely cut foliage, which much resembles that of maiden hair ferns.

5635A—*Dipterocarpum*. 4 to 5 feet. A new introduction from China. Very graceful plumes of rosy purple flowers and conspicuous yellow flowers. Pkt. 10c.

## TITHONIA SPECIOSA

Perennial

5635B—*Mexican Sunflower*. A rare plant from Mexico. Perennial throwing up from the root many stout, woody stems furnished with rather large foliage. The flowers are large and remind one of an immense single Zinnia; color, dazzling orange scarlet. It forms a large shrubby plant, flowers for a long period and is especially desirable for planting among shrubs or in the background of wide borders; will also bloom in winter in the house, if lifted before frost. Pkt. 10c, ¼-oz. 50c.

## TRITOMA

Half Hardy Perennial

Tritoma—Red Hot Poker. Bright showy flowers produced in large spikes of brilliant rich colors. Although hardy, requires some protection through the winter. Will bloom first season from seeds sown indoors very early and planted out as soon as soil is warm. Cut flowers keep a long time. Height 2 to 3 feet.

- 5636—*Uvaria*. Dazzling orange red. Pkt. 10c.  
 5637—*Mixed New Hybrids*. Strikingly handsome, 2 to 5 ft. Pkt. 10c, ¼-oz. 75c.

## VALERIANA

Hardy Biennial

Valeriana—Garden Heliotrope. Sweet scented flowers having red or white blooms produced in large heads. Fine border plants, 2 to 3 feet high. Sow seeds early in boxes and transplant to permanent location as soon as large enough to handle. Should have rich soil. This flower is one of the varieties found on Mount Tacoma in great profusion and beauty.

- 5638—*Mixed*. Pkt. 10c, ¼-oz. 35c.

## POOLE'S SUBERB FLOWER SEEDS

### VERBENA Annual



Very few annuals will make such a gorgeous display during the summer months or furnish more flowers for cutting than the Verbena. Start seed in the house or under glass until three or four inches of growth. They flower in July and continue until destroyed by frost.

**5639—Hybrid Candidissima.** Large trusses of purest white flowers. Pkt. 10c, 1/8-oz. 40c.

**5639A—Hybrida, Lavender.** Pkt. 10c, 1/8-oz. 40c.

**5640—Hybrid Coerulea.** Bright blue in various shades. Pkt. 10c, 1/8-oz. 40c.

**5640A—Hybrida.** Dark blue. Pkt. 1/8-oz. 40c.

**5641—Hybrid Defiance.** Intensely brilliant scarlet; fine for bedding. Pkt. 10c, 1/8-oz. 40c.

**5641A—Hybrida Mammoth Purple.** Pkt. 10c, 1/8-oz. 40c.

**5642—Hybrida Mammoth, Rose Queen.** Brilliant rose colored flowers, 1 to 1 1/4 inches across when well grown, produced in magnificent large umbels. Pkt. 10c, 1/8-oz. 40c.

**5643—Hybrida.** Rose and pink shades. Pkt. 10c, 1/8-oz. 40c.

**5644—Hybrida Lucifer.** Red. Pkt. 10c, 1/8-oz. 40c.

**5645—Lemon Verbena.** Every garden should have a few plants of this fragrant favorite. (Usually propagated from cutting, seldom from seed.) Pkt. 10c.

**5646—Luminosa.** A new color added to our group of Grandiflora Verbenas. Gigantic blooms of luminous flame pink toning to softer shades of salmon flesh and coral, giving the whole a most beautiful and almost indescribable color that must be seen to be appreciated. Pkt. 10c, 1/8-oz. 50c.

**5647A—May Flower Pink.** A self colored Hybrid. Pkt. 10c, 1/8-oz. 30c.

**5647—Hybrida Mammoth Mixed.** Pkt. 10c, 1/8-oz. 25c.

### VINCA—Madagascar Periwinkle

Tender Perennial

Handsone, bushy bedding plants, that flower luxuriantly and most profusely all summer from seed sown in February or

March in heat; fine also for pot culture in window garden, or greenhouse; 1 to 1 1/2 ft.

**5648—Mixed.** Pkt. 10c, 1/4-oz. 35c.

### VIOLET—Sweet Scented

Perennial

Much prized for spring blooming. All the varieties have great beauty, are very fragrant and quite hardy; 6 in. Violet seed takes a long time to germinate.

**5649—Blue.** Pkt. 10c, 1/8-oz. 40c.

**5650—The Czar.** Very large; dark blue. Pkt. 10c, 1/8-oz. 40c.

**SUMMER CYPRESS—**See Kochia.

### VIOLA CORNUTA—Tuffed Pansies

Perennial

Though the flowers are not as large as the regular pansies, they bloom so freely that many people consider them superior where a mass of color is desired. The plants bloom for a long period and the colors are particularly clear and distinct. The flowers are light and graceful, and not so stiff as those of the regular pansy.

**5655—Admiration.** Violet blue flowers. Pkt. 10c.

**5656—Lutea Splendens.** Bright yellow. Pkt. 10c.

**5657—Improved Scotch Pansies.** Produces flowers with "faces," the colors range from pale lavender to deep rich purple, many charming intermediate shades. Pkt. 10c.

### VIRGINIA STOCK

Malcombia Maritima

Hardy Annual

Early and very free flowering, dwarf hardy annuals of easy culture; bright blossoms; most effective for edgings or beds. 1 ft.

**5651—Crimson King.** Very fine. Pkt. 10c, 1/4-oz. 20c.

### WALL FLOWER—Cheranthus Cheri

Hardy Perennial

Produces spikes of beautiful, exceedingly fragrant flowers. Hardy perennials.

**5652—Single Mixed.** Large flowering. Pkt. 10c, 1/4-oz. 20c.

**5653—Annual Mixed.** Pkt. 10c.

**5654—Double Mixed.** Pkt. 15c, 1/8-oz. 50c.

### CHEIRANTHUS

**5654A—Kewensis.** Siberian Wallflower. 12 in. Flowers brilliant orange-yellow. A biennial but it will bloom freely from seed the first year. Pkt. 25c.

### WILD FLOWER GARDEN

**5673—Wild Flower Garden.** Pkt. 5c, oz. 35c.

### WILD CUCUMBER

Annual

**5302—Echinoystis Lobata.** A rapid growing climber. Very good for covering old fences or trellises. Hardy annual Pkt. 10c, oz. 25c, 1/4-lb. 75c.

### XERANTHEMUM

Annual

This well-known hardy annual is one of the oldest and prettiest of the Everlasting flowers, and in winter bouquets retain their color and form for years. Fine for beds and borders; in bloom all the season until frost. 1 1/2 to 2 ft.

**5672—Double Mixed.** Pkt. 10c, 1/4-oz. 25c.

### ZEA—Rainbow Corn

Annual

**5647A—Japonica Quadricolor Perfects.** 4 ft. This charming grass forms an object of great beauty in mixed bed and borders or isolated in groups on lawns, in subtropical gardens, etc.; it thrives in rich light warm soils. The leaves are striped yellow, green, rose and dark red. Pkt. 10c, oz. 40c.



## POOLE'S SUBERB FLOWER SEEDS

### DAHLIA FLOWERED ZINNIA

Annual

**Zinnias**—The New Dahlia Flowered. This is a new and distinct race of Zinnia, which will greatly increase the popularity of this flower. The plants of this new race are very sturdy and produce many flowers with stout stems. The flowers in full bloom often measure four inches in depth and six to eight inches in diameter. In general appearance they compare favorably with the Show Dahlias. Easily grown from seed sown in the open and thinned to one foot apart.

**5658—Exquisite.** Color light rose with center a deep rose. Tyrian Rose. **Pkt. 15c.**

**5659—Old Rose.** This is adequately described by its name, as it is of real Old Rose shade. **Pkt. 15c.**

**5660—Golden State.** A very rich orange yellow. **Pkt. 15c.**

**5661—Crimson Monarch.** By far the largest and best of the red shades. Flowers often eight inches in diameter. **Pkt. 15c.**

**5662—Dream.** A fine, deep lavender, turning to purple. **Pkt. 15c.**

**5663—Polar Bear.** A very large pure white, the best white yet seen in Zinnias. True Dahlia form. **Pkt. 15c.**

**5664—Buttercup.** An immense deep creamy yellow. **Pkt. 15c.**

**5665—Oriole.** We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages. **Pkt. 15c.**

**5666—Mixed.** All colors. Dahlia flowered. **Pkt. 10c, ¼-oz. 50c.**

**5667—Grandiflora Robusta.** Double, giants, apricot yellow. Deep flesh, golden yellow, rose king, salmon shrimp pink, white. All colors mixed. **Pkt. 10c, oz. 75c.**

**5668—Pumila, Dwarf Double.** The best bedding variety. **Pkt. 10c, 1 oz. 35c.**

**5669—Pompon, Mixed.** Small globe-shaped flowers. **Pkt. 10c.**

**5670—Picotee Type.** The flowers, which are not quite as large as the Double Giants, are very effective in appearance, as the edges of the petals are all well marked with a distinct color to the body of the flower, making them very attractive as bedders and cut flowers. **Pkt. 10c, ¼-oz. 50c.**

**5671—Victory Quilled.** All colors mixed. **Pkt. 15c, ¼-oz. 50c.**

**5671A—Liliput Double 12-in.** The plants form handsome little bushes and fairly bristle with tiny, short-stemmed, very



double flowers hardly exceeding a daisy flower in size. They are very pretty plants bloom all summer until late in the fall. **Pkt. 10c.**

**5651B—California Giants.** 3 to 4 ft. They are larger than Colossal and a cross between them and the Dahlia flowered types. They have smaller flat centers with more loosely placed petals. The petals are decidedly imbricated and the flower from bud to full bloom presents a graceful appearance. **Pkt. 10c, ¼-oz. 40c.**

## Popular Annual Bedding Plants

Annual bedding plants are so inexpensive and satisfactory that they should be planted extensively for cut flowers in the home as well as for garden effects. They also make splendid displays in tubs and porch boxes.

We have an early delivery of fine plants that can be set as soon as weather permits and with little care will bloom freely throughout the season. Prices are per dozen, f. o. b. Tacoma.

	Price Per Doz.
Alyssum .....	\$0.50
Asters .....	.50
Carnations .....	1.00
Calliopsis .....	.50
Candytuft .....	.50
Centaurea .....	.50
Clarkia .....	\$0.50
Cosmos .....	.50
English Daisies .....	.50
Forget-Me-Not .....	.50
Geraniums .....	3.50
Heliotrope .....	.75

	Price Per Doz.
Lakspur .....	\$0.50
Lobelia .....	.50
Marigold .....	.50
Mignotte .....	.50
Petunia .....	.50
Phlox .....	.50
Pinks .....	\$0.50
Salpiglossis .....	.50
Salvia .....	.70
Stocks .....	.50
Verbena .....	.50
Zinnias .....	.60

**Plant Annuals in the bulb beds.** After the bulbs are through blooming they should be allowed to grow until late summer, and the beds can be made very attractive with annual flowering plants without disturbing the bulbs. Forget-me-nots, Petunias, Pinks, Poppies, Verbenas and Candytuft are among the best.

**ANY SIX 10c PACKAGES FLOWER SEEDS 50c POSTAGE PAID**

# Lawn Grasses

The establishment of a good lawn requires **Careful Preparation** of the seed bed, and the selection of the **Proper Mixture** for the location and soil.

Consult us about your **Grass Seed Problems**.

## POOLE'S POINT DEFIANCE LAWN GRASS MIXTURE

**Point Defiance Lawn Grass Mixture**—Composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting grasses of interweaving habit, that will flourish under varied soil and climatic conditions, and which may be depended upon to produce a beautiful, compact evergreen sod that will resist tramping and hard usage, and at the same time present that handsome, velvety appearance so much desired. Sow one pound to 200 square feet. **Per lb. 65c. Price for quantity on application.**

## KENTUCKY BLUE GRASS

**Poa Pratensis**—Fancy or double, extra clean. As this grass takes some time to become established, it is preferably sown in mixtures for pastureage. Is truly perennial and prefers lime soils. As a lawn grass it is the finest there is—spreading habit, even texture, permanent, fine leaf and dark color. For pasture sow 50 lbs. per acre; for lawns 1 lb. per 200 square ft. **Per lb. 45c. Price for quantity on application.**

## CHEWING'S FESCUE

Is a perennial with creeping roots and makes a fine turf. Seed, either spring or fall, preferably the last week in August or the first week in September. Does well in sandy soils, and in shade. **Per lb. 50c. Price for quantity on application.**

## CRESTED DOG'S TAIL

**Crested Dog's Tail**—*Cynosurus Cristatus*. Should enter in moderate quantity in permanent pasture and lawn mixtures. It does well in the shade, roots deeply, is stoloniferous and perennial. Valuable in mixture for lawns, putting greens and for pasture. If sown alone 30 lbs. should be used per acre. For lawns 1 lb. per 200 square feet. **Per lb. 70c. Price for quantity on application.**

## RED TOP

**Agrostis Vulgaris**  
Succeeds on all soils, though doing best on moist and even swampy land. A permanent grass and valuable as a lawn grass, giving quick effect. Fancy, free from chaff. Sow 15 lbs. per acre. **Per lb. 35c. Price for quantity on application.**

## HARD RESCUE

**Festuca Duriuscula**.—Fine, rather dwarf, justly noted for its drought resisting qualities. Valuable for pasture and lawns. Sow 20 pounds per acre. For lawns 1 lb. to 200 square feet. **Per lb. 36c. Price for quantity on application.**

We make a specialty of blending Special Mixtures for Golf Courses.

## POOLE'S SHADY SPOT MIXTURE

**Poole's Shady Spot Mixture** is composed of fancy grasses especially adapted to growing in shaded places.

Produces a fine, durable, velvety turf under firs and shade trees where other grasses do not thrive. **Per lb. 65c. Price for quantity on application.**

## "CREEPING BENT GRASS"

Imported

The long creeping stems and spreading habit of this splendid grass make it ideal for Putting Greens; it makes an everlasting turf that withstands hard usage. The leaves are fine and it develops a dense growth, making it valuable for bottom lands and slightly sandy soil. Makes excellent hay and splendid pastures. (14 lbs. to bush.) Sow in Fall or Spring, 1 lb. per 300 square feet. Excellent for lawns. **Per lb. \$1.20. Price for quantity on Application.**

## RHODE ISLAND BENT

**Agrostis Canina**. Resembles Red Top. Makes a close sod; valuable for permanent lawns, pastures and meadows. 28 lbs. per acre. For lawns use 1 lb. per 300 square feet. **Per lb. \$1.30. Price for quantity on application.**

## SEASIDE BENT GRASS

Grown on the Pacific Coast, acclimated to this locality.

It is especially recommended for Golf courses. It makes an exceptionally fine turf that smothers out weeds **Per lb. \$2.00. Price for quantity on application.**

## ENGLISH RYE GRASS

**Lolium perenne**. For lawns. This is used and recommended by many gardeners. If sown thickly it makes a fine lawn, and for large grounds and parks it is very successful. **Per lb. 14c. Price for quantity on application.**

## WHITE DUTCH CLOVER

Poole's extra fancy seed is the purest high quality seed obtainable, and of true dwarf variety. Makes an attractive lawn while other slow germinating grasses are getting started. **Per lb. 50c. Price for quantity on application.**

## FOR YOUR PROTECTION

All of our grass seeds are of the **HIGHEST QUALITY OBTAINABLE** and are thoroughly **RECLEANED** and **TESTED** for purity and germination.

Remember!

## MAGNOLIA FERTILIZER

promotes growth and maintains that healthy green velvety turf so much desired.

**COLDWELL LAWNMOWERS ARE MORE DEPENDABLE**



# Grass Seeds

## TIMOTHY

10 to 15 lbs. per Acre

**Phleum Pretense**—Timothy is the great standard hay grass of this part of the country. Not adapted for pasture, as there is little growth after cutting, and tramping of stock soon destroys it. Not a lawn grass and not adapted to dry soils; height 2 to 3 feet. Will stand extreme cold and yields very heavily. Often sown with red top and red clover. **Per lb. 12c. Price for quantity on application.**

## TALL MEADOW OAT GRASS

30 to 40 lbs. per Acre

**Avena Elatior**—Often attains a height of 3 to 4 feet by the middle of June. Makes splendid hay and thrives on sandy loam, but makes its best growth where there is some clay. Can be fed as a pasture grass, and will generally bear cutting three times. For mowing with Perennial Rye and Clover for sandy soils it is excellent. Sow about 30 to 40 lbs. per acre alone, or half that amount if mixed with the above varieties. **Per lb. 30c. Price for quantity on application.**

## SUDAN GRASS

8 to 10 lbs. per Acre

It yields from 2 to 8 tons of hay per acre, depending upon whether irrigated or not. Two cuttings are assured and in places four have been taken. The hay is of superior quality and relished by all stock. Cut with a mower just after full bloom. Plant late in spring after frost is past. **Per lb. 16c. Price for quantity on application.**

## REED'S CANARY GRASS

6 to 8 lbs. per Acre

An excellent pasture grass that thrives on ground that stands under water most of the year. **Per lb. \$1.40. Price for quantity on application.**

## ITALIAN RYE GRASS

30 lbs. per Acre

**Lolium Italicum**—A quick-growing grass, attaining a height of 2½ to 4 feet; very desirable for temporary meadows or pastures (will last from two to six years). Thrives best on soils that are slightly moist, and will even stand considerable overflowing. Grows easily and bears an abundance of foliage that makes the best and sweetest hay imaginable. **Per lb. 12c. Price for quantity on application.**

## ENGLISH RYE GRASS

30 lbs. per Acre

**Lolium Perenne**—A most valuable grass for both pasture and meadows. It thrives in a cool and moist climate, adapting itself to a great many different kinds of soil. A strong and vigorous grower, curing into a fine hay or sweet flavor. Much relished by cattle and horses. **Per lb. 14c. Price for quantity on application.**

## DOMESTIC RYE GRASS

30 to 40 lbs. per Acre

Domestic Rye Grass in general is a combination of the rapid growing Italian type with a small percent of the English Perennial. This rye grass has been used for pasture and hay very successfully in western Washington for several years. **Per lb. 11c. Price for quantity on application.**

## ORCHARD GRASS

30 lbs. per Acre

**Dactylis Glomerata**—One of the most valuable of all the cultivated grasses, blooming with Red Clover, and making with it admirable hay. As a pasture grass it is more productive than any other, and does best under close feeding. Of the greatest value in permanent pasture with withstand drought exceedingly well. Will do well under trees. Valued for hay crop, as it is very nutritious if cut early. **Per lb. 28c. Price for quantity on application.**

## CANADIAN GRASS

30 lbs. per Acre

Resembles somewhat the Kentucky Blue Grass, but is shorter and more slender. It will thrive even on hard clay soils, where there is not quite enough lime and fertility for Kentucky Blue Grass. On good land it becomes tall enough for hay and as it shrinks very little in drying, the hay is heavy for its bulk. One to two feet high. **Per lb. 36c. Price for quantity on application.**

## MEADOW FESCUE OR ENGLISH BLUE GRASS

30 lbs. per Acre

**Festuca Pratensis**—Especially suited for permanent pasture and is also fine for hay. Grows two to three feet high but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. **Per lb. 31c. Price for quantity on application.**

## SHEEP FESCUE

30 lbs. per Acre

**Festuca Ovina**—Grows freely in high, dry and open pastures. Its chief merit is for sheep pasture. Thirty pounds to the acre. **Per lb. 36c. Price for quantity on application.**

## BROMUS INERMIS

20 lbs. per Acre

On account of its strong perennial character, and its unusual drought-resisting powers, is the best grass we have for the semi-arid regions of the Northwest. It grows luxuriantly, is freely eaten in either the dry or green state by cattle, and yields enormously, making the best of hay for horses or cattle. **Per lb. 25c. Price for quantity on application.**

## MESQUITE GRASS

15 lbs. to acre.

**Holcus Lanatas**. It is usually sown on virgin soil, without cultivation, after the ground has been burned over. Fancy hulled seed. **Per lb. 22c. Price for quantity on application.**

## NOTICE

Prices on all Grass Seeds subject to change without notice.

# Clover Seeds

## ALSIKE CLOVER

8 to 10 lbs. per Acre

*Trifolium Hybridum*

A perfectly hardy perennial variety which is rapidly growing in popular favor. Excellent for hay and pasture. Valuable for bees. Resists both drought and extreme moisture. The hay of this variety is greatly preferred by some to that of Red Clover, for the reason that it is generally finer, brighter and not so dusty, making it better for horses. **Per lb. 28c. Price for quantity on Application.**

## WHITE DUTCH CLOVER

8 to 10 lbs. per Acre

**White Clover**—*Trifolium Repens*. Used largely in lawns and permanent pasture mixtures. Accommodates itself to a great variety of soils. For lawns always buy our Extra Fancy Seed, which is the purest high quality seed obtainable, and the true dwarf, hardy variety. **Per lb. 50c. Price for quantity on application.**

## MAMMOTH RED CLOVER

10 to 15 lbs. per Acre

**Mammoth Red Clover**—Grows very large and is used almost exclusively for plowing under for manure. Also makes excellent pasture of high, dry hills and knolls in this vicinity when mixed with Orchard Grass. **Per lb. 32c. Price for quantity on application.**

## LADINO CLOVER

6 to 8 lbs. per Acre

A tall growing kind of white clover which seems to be destined to become important as a pasture plant. In some localities it has yielded twice as much pastureage as blue grass and grows sufficiently tall to cut for hay. It should be given a trial on every dairy farm. **Per lb. \$1.50. Price for quantity on application.**

## ALFALFA SEEDS

12 to 15 lbs. per Acre

Alfalfa should be cut for hay when the shoots of the next crop appear at the base of the plants. The hay is especially valuable for dairy cows. As soon as cut it immediately commences to grow and during the hottest and driest weather, when other grasses are parched and withered, it remains fresh and green and grows as rapidly as ever. On the low lands it is not an unusual thing to harvest five or six crops from the same field in one season without irrigation, and the same result is obtained on high, dry lands where irrigation is resorted to. It will not succeed on hard, clay soils. Its roots, in seeking moisture, penetrate to incredible depths. The seed should be sown in the Spring, after danger from freezing the young plants is over, or in

## MEDIUM RED CLOVER

*Trifolium Pratense*

8 to 10 lbs. per Acre

The standard Clover for all purposes, hardy, succeeds well on any good soil. Makes superior hay—especially mixed with Timothy—either for dairy cows or for general use. **Per lb. 28c. Write for quantity prices.**

## SWEET CLOVER—*Mellilotus Alba*

15 to 20 lbs. per Acre

Sweet clover is used as either a feed crop or as a fertilizer to plow under to improve the soil and increase the crop to follow. It grows fast and is easy to start.

Grows luxuriantly on good soils, but it will also grow and thrive on thin, sandy soil, hardpan, gumbo, rocky upland, clay and alkali land.

Sown very early in the spring. It does well sown either alone or with a nurse crop of small grain.

Sweet clover makes excellent pasture for horses, cattle, sheep, hogs or chickens. A very early and continuous cropper. **Per lb. 25c. Price for quantity on application.**

## HUBAM CLOVER

15 to 20 lbs. per Acre

**Hubam Clover**—An annual white blossom sweet clover, very similar to *Mellilotus Alba*. A rapid growing clover, ready for cutting four months after seeding. Makes an ideal crop for turning under or soiling in orchards. Bee men are finding it ideal for bee pasture, it being available the first season. Good stock pasture. **Per lb. 55c. Price for quantity on application.**

## NOTICE!

Prices on clover and alfalfa seeds subject to change without notice!

the Fall, early enough to give a good stand before frost.

**Dry Land Alfalfa**—Dry land Alfalfa will produce large, profitable crops of hay and excellent pasture on high, dry land and is recommended for the hills and plateaus where irrigation is impossible. It comes from the highest, driest alfalfa sections, and is very superior seed. **Per lb. 36c. Price for quantity on Application.**

**Grimm Alfalfa** is the hardest Alfalfa known. In trials, at practically every Experiment Station in the West and Northwest, it has headed the list for vigor and hardiness. Being scarce and in big demand the prices are high but the value of Grimm has been demonstrated beyond question and we recommend its trial. **Per lb. 60c. Price for quantity on Application.**

# Permanent Pasture Mixtures

Our pasture mixtures are the result of several years experimenting, and the formulas are the same as recommended by experiment stations for this locality.

## UPLAND PASTURE MIXTURE

A properly balanced mixture of deep rooting, drought resisting grasses, that will furnish good green pasture all through the summer season. Sow 25 lbs. per acre. **Per lb. 31c. Price for quantity on application.**

## LOWLAND PASTURE MIXTURE

A special mixture that is highly recommended for late, wet, lowland. Sow 22 lbs. per acre. **Per lb. 35c. Price for quantity on application.**

We use nothing but the **BEST GRADE OF GRASSES** that have been **TESTED FOR PURITY AND GERMINATION** in our **GRASS SEED MIXTURES**. NO SCREENINGS OR CHEAP FILLERS.



# Grain and Field Seeds

## BEARDLESS BARLEY

75 to 100 lbs. per Acre

**Beardless**—The earliest barley known. The straw is about the height of the Common Barley, but better, and will stand up on any land; with good season and land, has produced 80 bushels per acre. Sow as early as you can; frost does not hurt it. Many farmers will not grow Barley on account of the long, harsh beards which are so disagreeable in threshing, although it is a profitable crop. This is beardless, and as easy to grow and handle as oats. It is becoming more popular each season. **Per lb. 5c. Price for quantity on application.**

75 to 100 lbs. per Acre

**White Hullness, or Bald Barley**—A grand barley for stock feeding. Grain plump, heavy and when threshed is hullless, like wheat. **Per lb. 6½c. Price for quantity on application.**

## BUCKWHEAT

45 to 60 lbs. per Acre

**Buckwheat** is a valuable crop that can be easily grown wherever wheat will grow, producing a good yield even on light or poor soil and under favorable conditions is very profitable, being in big demand for milling—and is also the best "Bee pasture."

Ripens early—is hardy and yields the largest crops. The grains are extra large, dark brown, very thin hulled and makes the highest grade of flour. **Per lb. 9c. Price for quantity on application.**

## FLAX SEED

20 to 25 lbs. per Acre

We have a splendid lot of selected re-cleaned Western-grown Flax, new crop, large plump seed. **Per lb. 20c. Price for quantity on application.**

**Ground Flax for medical uses. Per lb. 20c.**

## GOLDEN MILLET

20 to 30 lbs. per Acre

An improved variety, yielding a larger crop of seed than the Common Millet. It is also taller than the Common, and yields a heavier crop of hay. **Per lb. 15c. Price for quantity on application.**

## SEED OATS

100 to 125 lbs. per Acre

**Swedish Select**—A Splendid Variety; Unequalled in Quality. Swedish Select has long been popular, and a splendid variety for Puget Sound country. It yields very heavy crops, makes a very sturdy growth; the straw is of medium height and is extra large, making it less liable to lodge than any other variety. In quality it is by far the best of any oat that we have tested. It has a large spreading head, and the grain is large, plump, and very heavy. It is one of the very earliest varieties, and on account of its exceptionally fine quality and heavy yield probably the most valuable variety grown in the great oat growing sections in Washington. **Per lb. 4½c. Price for quantity on application.**

## GRAY WINTER

**Gray Winter**—This Oat is planted extensively throughout the Northwest as a Fall or Winter Oat. Is well and favorably known, being a good yielder, and the Oats are large and plump. **Per lb. 5c. Price for quantity on application.**

## FIELD PEAS

80 to 100 lbs. per Acre

**Canadian Field Peas**—*Pisum sativum*. The seed should be planted as early in the spring as the ground can be properly prepared. Where the crop is to be cut for hay for feeding, it is best to sow on bushel of stiff strawed oats and one or one and a half bushels of field peas per acre. **THE CROP SHOULD BE CUT WHILE THE GRAIN OF THE OATS IS IN THE SOFT OR MILKY STAGE**, at which time the pea vines will be in flower and the whole crop will make a nutritious hay, relished by all kinds of stock when properly cured or made into ensilage. This is an excellent crop also to turn under to enrich the ground; when for this purpose two bushels should be sown to each acre. These can be turned under in June and the land again seeded with the Fall Vetch, and which will be ready to turn under in the spring in time for potato planting or general garden crop. **Per lb. 7½c. Price for quantity on application.**

**Green or Bluebell**—The seed is larger than the Yellow Canadian, and it has a bluish color, but is very similar in all other respects. **Per lb. 8c. Price for quantity on application.**

**USE STIMUGERM on Peas and Vetch. Get Larger Crops of better quality.**

## RAPE

4 to 8 lbs. per Acre

**Dwarf Essex**—One of the best forage plants, producing immense quantities of green feed when grass and other crops are dried up. Has yielded ten tons of green forage per acre with a food value double that of green clover. Excellent pasture for all stock, and fine green feed for chickens. Thrives on all soils and is ready for use in six to eight weeks from time of sowing. Also valuable for plowing under. Sow same as turnips from May until September, or sow with grain. **Per lb. 15c. Price for quantity on application.**

## SPELTZ

100 to 125 lbs. per Acre

It will grow well and produce immense crops on poor soil. Dry weather seems to have no bad effect on it. After the grain is threshed out, the straw makes good hay. The grain has a hull, something like barley. Sow in the Spring, the same as wheat, at the rate of two bushels per acre. Cut when the grain is past the middle stage of milk, when it will make splendid grain and lots of rich straw hay. Thresh like wheat, only not so closely. Can be feed whole, rolled like barley, or ground. **Per lb. 6c. Price for quantity on application.**

## IMPORTANT—READ CAREFULLY

Clover, Grass and Field Seeds are subject to market changes, therefore we can not print prices good for any length of time. When ready to buy, write us for special prices, stating quantity wanted, or send in your order at catalog prices. We guarantee that we will give you full value for the money sent, whether the price at the time you order be higher or lower, or if the difference is very great, we will notify you before shipment.

# Grain and Field Seeds--Cont.

## SEED RYE

90 to 120 lbs. per Acre

**Spring Rye**—True Stock. Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. Sow seed same time as other spring grain. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality.

We wish to emphasize the fact that we sell the genuine Spring Rye, sown in the Spring and harvested the same season. **Per lb. 5c. Price for quantity on application.**

## WINTER RYE

**Rosen Rye**—Winter. This variety was introduced by the Michigan Experiment Station, and produces grain which is considerably larger than other Winter Sorts. The kernels are very plump and heavy. The grains are much larger than a common rye and the yield double and some make it stronger and say three for one. You cannot make a mistake in trying it.

Makes an excellent pasture for pigs, calves and other young stock. It should be sown early in the Fall for this purpose. **Per lb. 4c. Price for quantity on application.**

## SUNFLOWER

15 to 25 lbs. per Acre

**Mammoth Russian**—The largest and most productive variety. It is now being grown extensively for silage for cattle and is proving of immense value. The seed is a valuable poultry food and is a great egg producer. It is usually drilled in 36-inch rows with the hills 4 inches apart in the row. In sections where the season is short it should be planted as soon as the soil is in good condition in the Spring. For silage it should be cut when 25 to 30 per cent of the plants are in bloom. In food value it is equal to corn silage and the yield 3 to 4 times as great. It has been demonstrated in many parts of the country that no other known forage plant will produce as great a tonnage of high grade food for livestock. **Per lb. 15c. Price for quantity on application.**

## GROW MORE SUNFLOWERS

### FOR SILAGE

The photograph shows a field of Sunflowers grown by Carl Gaul at Nisqually, Washington.

These Sunflowers averaged better than 25 tons of silage per acre.

Cows will show a decided increase in milk production if fed plenty of this silage during the winter months.

## VETCHES OR TARES

Greatest Forage Plant

90 to 120 lbs. per Acre

**Common or Spring**—*Vicia Sativa*. One of the best forage plants that can be grown on the Pacific Coast. Often called Fall Vetches. This is a species of the pea, and is grown very extensively. It furnishes an abundance of excellent feed, either green or cut and cured for hay. The seed should be mixed with an equal weight of some variety of wheat, oats or rye having a stiff straw, and the mixture sown at the rate of two bushels per acre. Vetches weigh 70 pounds per bushel. Sow in the Fall or early Spring. **Per lb. 7c. Price for quantity on application.**

**Sand, or Winter Vetches**—*Vicia Villosa*. This variety thrives on poor, arid sandy soils. It is sown either in the Fall or early Spring, and is generally mixed with rye, which serves to support the plants. It grows to a height of three or four feet, and can be cut twice; first, as soon as the bloom appears and afterward for seed. The plant is perfectly hardy and makes a very nutritious food. **Per lb. 17c. Price for quantity on application.**

## SEED WHEAT

80 to 100 lbs. per Acre

**Blue Stem**—Spring. The best known and one of the most profitable Spring varieties for the Northwest. Heads are large and well-filled, stools freely. Grain very hard. Although a Spring variety, can be planted as a Fall Wheat in sections where Winters are mild. The Blue Stem of the Pacific Coast has a white grain and smooth chaff, quite unlike the Velvet Chaff and Red grains of the states East of the Rockies. **Per lb. 5c. Price for quantity on application.**

**Red Russian**—Winter. This is extensively grown in Western Washington, where conditions are favorable. It grows vigorously, maturing late, and gives a heavy yield of both grain and foliage. It is a superior variety for chocking out weeds, growing close and luxuriantly. **Per lb. 4½c. Price for quantity on application.**



WRITE FOR DESCRIPTIVE BOOKLET ON GRAIN DRILLS



# Fertilizer For Every Purpose

## Complete Fertilizers, Animal and Chemical Fertilizers

Magnolia Fertilizers--Increase Crops, Maintain Soil Fertility and Lower Cost of Crop Production



### MAGNOLIA POTATO AND BERRY FERTILIZER

Magnolia is an all round, HIGH GRADE chemical and organic fertilizer which can be used with success by the amateur or professional on most any crop such as Berries, Potatoes, Onions and other general vegetable crops.

Magnolia may be broadcasted, but the more economical way is to sow it in the rows with the seed by drill or by hand. Side dressing rows is often beneficial after the crop has started.

We recommend it very highly to market gardeners.

Analysis: Nitrogen 3%. Phosphoric Acid 10%, Potash 7%.

Price: 5 lbs. 30c; 10 lbs. 55c, 25 lbs. \$1.00; 100 lbs. \$3.25. Price for quantity on application.

## Magnolia Lawn and Garden Fertilizer

### FOR LAWNS

Magnolia Lawn Fertilizer promotes a vigorous, healthy growth, giving the desired dark rich green appearance; can be used at the time the seed is planted and later as a top dressing. One hundred pounds is sufficient for an ordinary city lot, and is far more effective and less objectionable than stable manure. Remember, it contains no weed seeds. When used as a top dressing it is best to make several light applications about two weeks apart.

### BONE MEAL

Fine ground, is one of the best fertilizers. This is the only grade of Bone Meal and is reduced by improved machinery to an even fineness—nothing is added. This is a very valuable enricher of the soil, and one of the most economical at present prices. Price: 10 lbs. 55c; 100 lbs. \$3.25.

### TANKAGE

Ground meat scraps and bone, desiccated in a vacuum is very rich in phosphoric acid and nitrogen. Use 5 pounds

### FOR GARDENS

Most crops respond profitably to an application of fertilizer broadcast at the time of preparing the soil for planting and later applications side dressed along the rows or hill, as the case may be.

Price: 5 lbs. 30c, 10 lbs. 55c, 25 lbs. \$1.20, 100 lbs. \$3.75. Price for quantity on application.

to 100 square feet; 400 to 800 lbs. per acre. Price: 5 lbs. 30c; 10 lbs. 55c; 25 lbs. \$1.10; 100 lbs. \$3.75. Price for quantity on application.

### MURIATE OF POTASH

We handle the regular commercial grade containing 50% actual Potash. Potash produces better keeping qualities in fruits and vegetables. Price: 25 lbs. \$1.00, 100 lbs. \$3.00. Price for quantity on application.

### SULPHATE OF POTASH

Regular commercial grade 50% Potash and no chlorine. Recommended for potatoes. Price: 25 lbs. \$1.15, 100 lbs. \$3.75. Price for quantity on application.

# Fertilize Every Crop

# Fertilizers

## SHEEP GUANO

Pure pulverized sheep manure is the most nutritious of the animal fertilizers. It promotes steady and rapid growth. We recommend it very highly for use in green-houses, as well as for garden purposes.

USE—For Flowers, Roses and Lawns, apply at any time—just prior to growing season being preferable—using at the rate of 10 lbs. per 100 square feet.

Price: 25 lbs. 60c, 75-lb. sack \$1.15.

## HYDRATE LIME

Lime is one of the necessary elements in plant growth. The sandy soils are made more retentive of moisture and clay soils are made more friable by its use. Lime is an excellent sweetener of the soil and its use destroys many weeds which thrive in a toxic ground. Price: per 50-lb. bag, 80c. Price for quantity on application.

## NITRATE OF SODA

For immediate results Nitrate of Soda is the very best for stimulating and forcing the growth of plants or any other crop. Use one pound to 15 gals. of water. Apply this in small amounts some little distance from the plant. Repeat in from twenty to thirty days. Price: 10 lbs. 50c, 100 lbs. \$3.75. Price for quantity on application.

## SUPERPHOSPHATE

This is a concentrated form of phosphoric acid, and it is actually the cheapest form in which to buy phosphoric acid. Our present stock contains 17 to 18 per cent. available phosphoric acid. Price: 10 lbs. 25c, 100 lbs. \$1.75. Price for quantity on application.

## SULPHATE OF AMMONIA

A valuable fertilizer for all plants in which a large leaf development or rapid growth is desired; will stimulate almost immediately. Excellent for lawns; apply it in liquid form, 1 tablespoonful to a gallon of water sprinkled from watering pot. Price: 10 lbs. 60c, 100 lbs. \$4.50.

# STIM-U-PLANT

## PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

## MOST MODERN

## EFFICIENT AND SCIENTIFIC METHOD OF FERTILIZING GROWING PLANTS

STIM-U-PLANT Tablets are the richest plant food on the market. Through their use a definite amount of water soluble plant food can be supplied growing crops as needed for their profitable development.

Trial Size, 15 Tablets ..... 15c  
Small Size, 25 Tablets ..... 25c  
Medium Size, 100 Tablets ..... 75c

## LAND PLASTER OR GYPSUM

Made from pure gypsum, free from clay or other foreign matter, used particularly for clover crops. Price per 100 lbs. \$1.35. Price for quantity on application.

## "PECO" PEAT MOSS

## NATURE'S SOIL IMPROVER

"PECO" Peat Moss is humus, or decayed vegetable matter, in ideal form. It is imported from Europe where it is procured from moorlands, dried and packed under great pressure into convenient, burlap-wrapped bales. It is free from all foreign matter, fungus, or weed seeds, prevents rot or decay; absorbs and retains ten to fifteen times its weight of water; greatly increases the availability of plant food in the soil; and is the best of all soil conditioners. Price per bale, \$4.75. Approx. Wt. per bale, 180 lbs.

# Seed Disinfectants

## DUBAY SEED DISINFECTANTS

### Ceresan and Semesan

Du Bay Seed Disinfectants provide a simple, safe and effective treatment for controlling various seed-borne diseases of many crops. They are quickly and easily applied and inexpensive to use.

**SEMESAN—For Vegetable Seeds—**For preventing and controlling an amazing variety of infections to which farm crops, vegetables, flowers and nursery plants are subject. It may be conveniently and quickly applied in either dust or liquid form.

Semesan is especially valuable for disinfecting against certain seed-borne diseases, for damping-off control and for treating brown patch of grasses. It is inexpensive, easy to use, harmless to seeds and plants, but deadly to the bacteria and fungi that exist on them.

2-oz tin, 50c, 1-lb tin \$2.75, 5-lb tin \$13.00, 25-lb pail \$56.25. F. O. B. Tacoma. Poison can not be mailed.

**SEMESON BEL—For Seed Potatoes—**The quickest and easiest treatment for disinfecting seed potatoes. Applied as an instantaneous dip, it is efficient in controlling certain seed-borne diseases and generally improves both the quality and quantity of the crop. One pound treats 16 to 22 bushels at a cost of only 5 to 8c per bushel. 4-oz. tin 50c, 1-lb tin \$1.75, 5-lb tin \$8.00, 25-lb pail \$31.25. F. O. B. Tacoma. Poison can not be mailed.

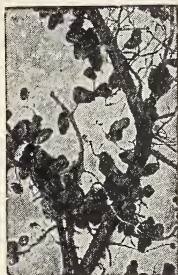
**CERESAN—For Seed Grains—**A new and exceptionally effective dust disinfectant for seed grains. It usually controls such seed-borne diseases as bunt or stinking smut and flag smut of wheat; loose and covered smuts of oats; stripe disease and covered smuts of barley; loose smut in certain varieties of six-row winter barley; stem smut of rye; and kernel smuts of sorghum. Seresan is harmless to seeds and does not clog or corrode drills. Costs only 6 to 9c a bushel of seed grains.

8-oz. tin 50c, 1-lb tin 75c, 5-lb tin \$3.00, 25-lb pail \$12.50. F. O. B. Tacoma. Poison can not be mailed.



# SEED INOCULATION

## STIMUGERM LEGUME INOCULATION



Nodules with Nitrogen worth their weight in gold.

The Best Inoculation for All Legume Seeds Means Better Crops, Better Soils, Less Fertilizer Expense.

Alfalfa, Clovers, Soybeans, Cowpeas, Vetch, Peanuts, all thrive into bumper crops when properly inoculated with STIMUGERM pure-bred cultures.

### WHAT STIMUGERM JELLY IS

STIMUGERM JELLY is a pure culture of nitrogen fixing bacteria, selected for maximum vitality and ability to transform nitrogen from the air into soluble nitrates and deposit them in the soil.

EVERY BOTTLE IS DATED and guaranteed for one year.

PRICES ARE LOW



(Jelly Medium)

### Alfalfa and Clovers

#### SMALL SEED VARIETIES

2 1/2-bu. unit .....	\$2.25
1-bu. unit .....	1.00
1/2-bu. unit .....	.60
1/4-bu. unit .....	.35

### Soybeans, Cowpeas, Vetch, Peas, Beans, etc.

#### LARGE SEED VARIETIES

5-bu. unit .....	\$2.25
2-bu. unit .....	1.10
1-bu. unit .....	.60
1/2-bu. unit .....	.35

When ordering, be sure to state what crops you wish to inoculate, also number of bushels you will sow.

Larger

Crops



Better

Quality

## INOCULATOR DUST-KOTE

Now you don't have to use out-of-date, messy methods to treat your legume seeds. The new McQUEEN Dust-Kote Inoculator is just dusted on the seed. Takes but a moment to do it right in your seeder, you need no water at all. Sticks to seed and is a CLEAN, handy inoculation.

### ABSOLUTELY GUARANTEED

to give satisfactory results or your money back. This is for your protection. You are the judge of results.

Inoculate your Alfalfa, Sweet Clover, Soy Beans, Vetch, Peas, Beans and Clovers of all kinds with McQueen's guaranteed Inoculator that hastens maturity, increases the crop, improves its quality, enriches the soil and saves fertilizer bills.

Simple directions for mixing Inoculator with your seed are printed on each package of McQueen's. Only a few minutes of your time is required to inoculate your le-

gume seed. Do it right in seeder or drill box. No water is used. Many Master Farmers use McQueen's. Tremendous sales on McQueen's Inoculator enables us to offer this quality merchandise at these

### REDUCED PRICES

#### For Clover or Alfalfa

1/2 bu. size inoculates 30 lbs. seed .....	\$ .50
1 bu. size inoculates 60 lbs. seed .....	1.00
2 1/2 bu. size inoculates 150 lbs seed .....	1.75

#### For Soy Beans, Cow Peas, Vetch, Peas or Beans—all large seed

1 bu. size inoculates 60 lbs. seed .....	\$ .50
2 bu. size inoculates 120 lbs. seed .....	1.00
5 bu. size inoculates 300 lbs. seed .....	1.75

#### GARDEN PACKET—Peas, beans,

lima beans, sweet peas ..... 1.5  
Be sure to include McQueen's Inoculator with all your Legume Seed Orders.

ALWAYS STATE KIND OF SEED YOU WISH TO INOCULATE

# Sprays and Insecticides

## ACME LIME SULFUR



A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer scab, soot, blotch, red spider and mite. 1 lb. 25c, 5 lbs. \$1.10, 10 lbs. \$2.00, 25 lbs. \$4.00, 50 lbs. \$6.50, 100 lbs. \$11.50.

## ACME ALL ROUND SPRAY



Flowers, vines, shrubs, roses, vegetables, need protection same as commercial crops. All Round Spray contains the three leading remedies used by all large growers, Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture.

Perfect protection for the small user is assured by complete directions in form of spraying guide attached to every package. 1/4-lb. 45c, 1b. 95c. Poison—cannot be mailed.

## ACME BORDEAUX MIXTURE



Prevents large losses caused by blight, rot, mildew, scab, anthracose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture. 1b. 45c, 4 lbs. \$1.00.

## TREE TANGLEFOOT

For caterpillars, moths and worms. Protects against all climbing insects. One pound makes a band 9 feet long. 1b. 60c.

## CARCO VEGETABLE SPRAY

For destroying and preventing maggots, grubs and worms that infest turnips, radishes, beets, rutabagas, cabbage and cauliflower, etc., also recommended for combating crown borers in strawberries. 1/2 pint 50c, pint 65c, quart \$1.00, gal. \$2.50.

## BLUESTONE—Vitrol

Lb. 15c, 100 lbs. market price.

## SULPHUR—Powder

Lb. 6c, 100 lbs. market price.

## TOBACCO DUST

Lb. 15c, 10 lbs. \$1.20.

## ACME PARIS GREEN



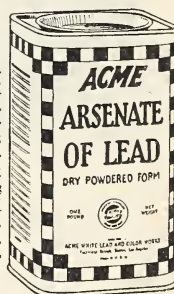
A rich, emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on Potatoes, cotton, tobacco, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary. 1/4-lb. 15c, 1b. 50c. Poison—cannot be mailed.

## ACME ARSENATE OF LEAD

### (Lead-A-Nate)

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray. 1/2-lb. 25c, 1b. 35c, 4 lbs. \$1.00. Poison—cannot be mailed.



## ACME GARDEN GUARD

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. 1 lb. sifter carton 35c, 5 lbs. 90c. Poison—cannot be mailed.



## WHALE OIL SOAP



Used in combination with Blackleaf "40." For Aphis, plant lice, etc. 1-lb. brick 15c.

## KAYSO

Spray spreader and adhesive. Spreads the spray and makes it stay. Use 2 tablespoons to each 10 gallons of spray. 2-lb. package 50c.



# Sprays and Insecticides

## Use **EVER GREEN** NON-POISONOUS INSECTICIDE *to* **PROTECT YOUR GARDEN**



### **EVER GREEN KILLS GARDEN INSECTS**

Ever Green is absolutely non-poisonous and kills practically all garden insects, including the Japanese beetle. Easy to get, easy to use and being non-poisonous can be mailed. **1-oz. bottles 35c, 6-oz. bottles \$1, 16-oz. bottles \$2, 32-oz. bottles \$3.50, gallon cans \$13.00**

### **CYANOGLAS**

Cyanogas "A" Dust kills by giving off gas on exposure to the moisture in the air. For control of ants, rats, fleas, moles, gophers, wireworms, snails, slub. **1-lb. cans 75c.**

"G" Fumigant for greenhouse fumigation. **5-lb. can \$3.00, 25-lb. can \$10.00. Poison, cannot be mailed.**

### **RAT NIP**

To rid your place of rats quickly and effectively, use Ratnip. Ratnip comes in tubes, making it clean and easy to handle. It can be squeezed out without coming in contact with the hands. **Per tube 35c.**



### **GRAFTING WAX**

**One lb. bars 50c, 1/2-lb. 30c, 1/4-lb. 15c.**

### **MOLE EXTERMINATORS**

**Each 10c. pkg. of 10 90c.**

### **MOLE TRAPS**

**Out o' Sight. Each \$1.25.**

### **QUICKLY KILLS GARDEN PESTS**

**Science Provides New, Safe Method That Does the Work Without Fuss.**

Cutworms, Sowbugs, Grasshoppers, Slugs, Snails, Earwigs, etc., are exterminated.

Snarol is a ready prepared meal that you simply broadcast on the ground, under the vegetation. The pests eat the meal and are quickly destroyed.

Snarol will not deteriorate from rain or sprinkling and also is non-injurious to vegetation when used according to simple directions. These features distinguish it from ordinary controls and make Snarol popular with professional gardeners and nurserymen. **1-lb pkg. 45c, 3-lb. pkg. 95c.**

### **LIME-SULPHUR SOLUTION**

Always uniform in strength and of the highest efficiency. Made of the purest and best quality of sublimed sulphur and of lime free from sediment. Ready to mix just as you get it. Merely add 11 gallons of water to each gallon of Lime-Sulphur Solution. **Qt. 25c, gal. 75c, 5 gals. \$2.50, barrel lots 26c per gal.**

### **BLACK LEAF "40" FOR APHIS**

Nicotine Sulphate. Latest and best tobacco spray for aphis, thrip, plant lice, etc. One pound makes 170 gallons. **1-oz. bottle 35c, 1/2-lb. can \$1.25, 2-lb. can \$3.50, 10-lb. can \$13.50.**

### **NICO-FUME—Liquid**

The best fumigant and spray for greenhouse work. Kills aphis, red spider, mealy bug, thrip, etc. **4-lb. can \$6.25.**



### **RAT-SCENT**

Rat-Scent is a specially prepared scent, sun-dried combination of grains which is the natural food for a rat or mouse. Rat-Scent is harmless to chickens. Dogs and cats are not attracted to it on account of it being a grain. Rats and mice like the taste and smell of Rat-Scent better than any other food, even including unpoisoned grains. In using Rat-Scent, you will never see or smell a dead rat lying around close to the bait. Rats and mice cannot eat Rat-Scent and live. **1-lb. pkg. 35c. Poison, cannot be mailed.**

### **ANTS DESTROYED IN THEIR NESTS**

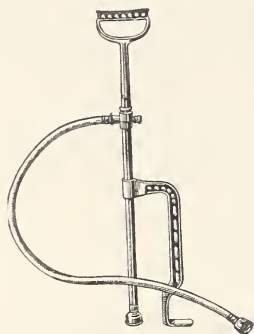
**New Method "Gets" Them at Their at Their Source—Safe, Permanent, Effective.**

The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. The containers are partially filled with syrup and placed about the outside edges of the house or along "ant" trails in the garden if the infestation occurs there. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed.

The complete system should cover every 15 feet around the outside of the house or "ant" trails in the garden. **Antrol sets, each \$1.00. Syrup, 4-oz. bottle 50c.**

# Spray Pumps

## BROWN'S AUTO-SPRAY NO. 6

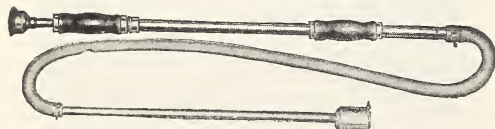


This is an excellent bucket pump. Due to the small diameter of the pump cylinder and air chamber will easily generate a pressure of over 200 pounds. All working parts are of brass with malleable iron handle and foot rest. It is equipped with solid stream nozzle for spraying trees at a great

height; adapted for use in spraying orchards, field and truck crops, and general purpose spraying.

**Auto-Spray No. 6**—All brass pump, \$5.00

## BROWN'S AUTO-SPRAY NO. 5



This double acting high pressure sprayer can be used with any pail or bucket. It generates a continuous pressure of over two hundred pounds with very little effort on the part of the operator. This pump is made of solid brass and is equipped with extension strainer and suction hose. Adapted for spraying orchards, field and truck crops, chicken houses, gardens, disinfectants, insecticides, etc. and is equipped with solid stream nozzle which makes it a desirable sprayer for fire-fighting, cleaning automobiles, etc.

**Auto-Spray No. 5**—Pump, hose, nozzle and strainer complete, \$5.00.

## BROWN'S AUTO-SPRAY NO. 5A



The Auto-Spray No. 5A is a combination of the No. 5 pump and galvanized knapsack tank as shown. Carrying straps are adjustable and the tank fits firmly and snugly on the back of the operator. Capacity of reservoir 3½ gallons.

**Auto-Spray No. 5A**—Galvanized steel tank, pump, \$9.00.

**Tank only for above, \$4.00.**

## No. 26 CONTINUOUS SPRAYER

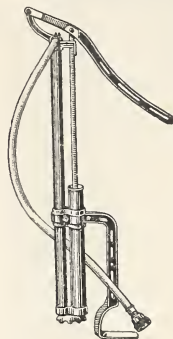
It is so constructed that it not only sprays on the downward stroke of plunger, but also when it is drawn back, thus causing a continuous mist like spray. Air chamber 1½ inches in diameter by 14 inches long.

**No. 26A Brown Auto Spray, Tin Tank, Tin Air Chamber, \$1.00.**

**No. 26B Brown Auto Spray with Brass Tank, Tin Air Chamber, \$1.25.**

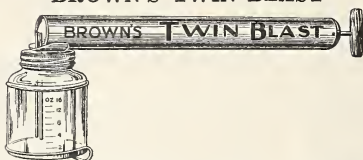
**No. 26C Brown Auto Spray, All Brass Tank and Air Chamber, \$1.50.**

## BROWN'S AUTO-SPRAY NO. 7



An ideal hand bucket, general purpose and whitewash sprayer adapted for handling a large variety of solutions. One of the best sprayers made for spraying cold water paints and whitewash; is equipped with air jet agitator which keeps the solution in a state of constant agitation. Air chamber is made of brass tubing; pump cylinder, valves and bottom casting are entirely of brass, handle and foot rest are of malleable iron. It is an excellent general purpose sprayer. **Auto-Spray No. 7, price \$7.25.**

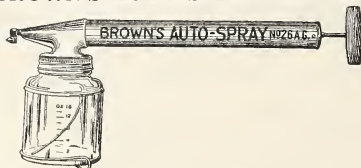
## BROWN'S TWIN BLAST



The Twin Blast is one of the best single action atomizers on the market. It is equipped with twin spray jets which diffuse an enormous volume of fine, misty spray. Is equipped with glass jar container; all parts of this sprayer which come in contact with the liquid are of brass or glass, which practically doubles the life of this sprayer over that of the ordinary sprayer.

**Brown's Twin Blast, Lithographed tin cylinder, glass tank, 80c.**

## BROWN'S AUTO-SPRAY NO. 26AG



The Auto-Spray No. 26AG is the newest type of continuous atomizer on the market. This sprayer is made of strong lithographed tin with a new feature—the **glass tank**. The glass tank provides against corrosion, it enables the operator to know exactly how much liquid is in the container and it is more easily cleaned when a variety of different solutions are to be sprayed. We recommend this sprayer for use around the home, for small shrubs, and small garden spraying. It is an excellent machine for handling household insecticides. Capacity one quart.

**Auto-Spray No. 26AG, price \$1.35.**

## No. 125 HAND SPRAYER



**No. 125**—Air chamber 1½ inches in length; holds about 1 qt., all tin. **Price 50c.**  
**No. 323**—Same as No. 125, except it has galvanized tank and tin tube. **Price 60c.**



# Spray Pumps

## AUTO-SPRAY No. 9 Compressed Air Spray Pump



The Auto-Spray No. 9 is a screw top, with following exclusive features. The pump handle is malleable iron and the can collar on both galvanized and brass, sprayer is of brass, also the locking nut. With both of these parts made of brass it is impossible to have them corrode and stick so tight that they cannot be unscrewed. Packing ring on tank is held in place by a flange pump collar which floats so that it does not have to turn in its seat. This insures perfect lock and long life. Tanks are well riveted and soldered both inside and outside.

**Auto-Spray No. 9-D, Galvanized Tank. Price \$6.50.**

**Auto-Spray No. 9-B, Brass Tank. Price \$9.00.**

## ARMSTRONG STANDARD SPRAY PUMP



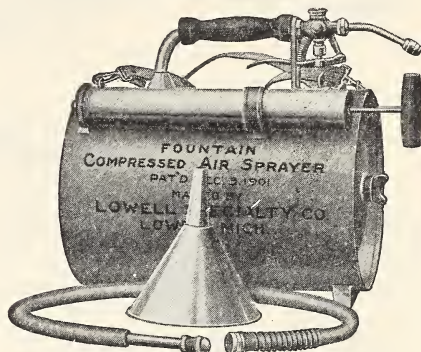
The Armstrong Standard Spray Pump sprays tallest trees without the use of extensions or ladders. The construction is of brass throughout. It is practically indestructible. Every Standard spray pump is guaranteed for five years.

**The Standard with 3½ feet of hose and full set of nozzles, \$5.00.**

**Knapsack Attachments, \$4.00.**



## LOWELL COMPRESSED AIR SPRAY PUMP



It is so simple in construction that a child can operate it.

Tree attachment and funnel, for filing, with brass wire strainer with each machine. Strongest Air Pressure Sprayer made—will stand five times the air pressure necessary to operate. Convex heads, seamed and soldered. Capacity of tank 3 gallons. Handy to carry; shoulder strap with each machine.

**No. 110—Galv. Steel, Aluminum finish. \$6.50.**

**No. 111—Brass, Polished and Lacquered, \$9.00.**

## SPRAY HOSE

For Bucket and Barrel Use.

**Size ¾ inch Red Tubing, per foot 12c.**

**Size ½ inch Red Tubing, per foot 13c.**

**Size ¾ inch Grey Heavy Reliance 7 ply for Barrel Pumps, per foot 20c.**

## IRON SPRAY PIPE EXTENSIONS

**In lengths 3, 4, 6, 8 ft. long, per ft. 10c.**

**2 ft. brass extension, each 75c.**

**4 ft. brass extension, each \$1.00.**

## SPRAY NOZZLES

Prices subject to change without notice.

**Bordeaux Nozzle, each \$1.20.**

**Vermorel Nozzle, each \$1.00.**

**Vapo Nozzle, straight and angle, each 80c.**

**¼-inch Lever Handle Shutoff, each \$1.20.**

## IDEAL SPRAY OUTFIT 32 and 33

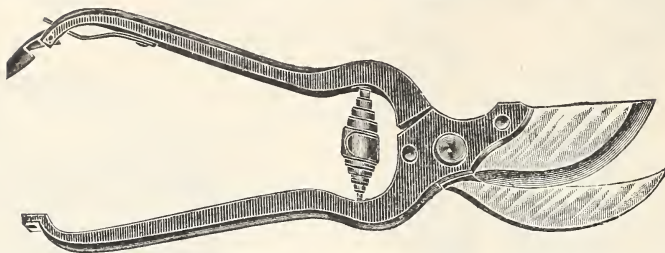
A strong durable wheel barrow sprayer. The Ideal is well designed and will develop a higher pressure than any other wheel barrow sprayer. Pump: seamless brass cylinder, 1¼ in. diameter, 7 in. long; air chamber 2 in. diameter, 30 in. long, made of steel tubing. Tank: Heavy Galvanized Steel, re-inforced top and bottom with heavy channel iron hoops. Capacity 15 gallons. Wheel: 20 in. diameter by 2½ in. tire. Valves: Bronze balls, one cage. Equipment: 6 ft. ¾ in. spray hose, 4 ft. ¼-in. pipe extension. Fog nozzle and leakless shut-off. Air tank is boiler iron, tested to 275 lb. pressure. Pressure Gauge reads to 200 lbs.

**No. 33 Outfit crated, weight 105 lbs. \$35.50.**

**No. 32 Outfit without Air Tank or Pressure gauge, weight 75 lbs. \$24.00.**

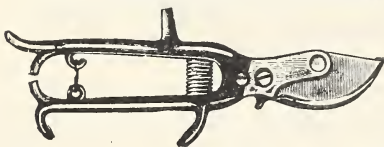
# Pruning Shears

## BOKER PRUNING SHEARS



No. 100—Black lacquered; forged steel frame; crucible steel polished blade riveted on; end catch and hoop on handle. 7 in., 85c, 9 in., \$1.00.

### No. 533 BOKER PRUNING SHEAR



9-in. Japanned malleable iron frame, hand brace and catch; coil spring, polished steel, screwed on. Weight 1 lb. Price 85c.

## PRUNING SAWS



Straight Duplex—16-in. blade. Price \$1.40  
No. 13 Crescent—16-in. blade. Price \$1.25.  
No. 18 Crescent—16-in. blade Folding Pruner. Price \$1.50.

## TRENTON HEDGE SHEARS



No. 101—8 in blade \$3.00. No. 101—9-in. blade \$3.25.

## BORDER SHEARS

No. 104—9 in. blade \$4.25.

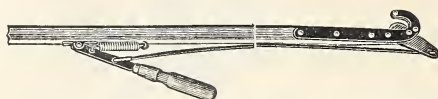
## CRONK BERRY HOOK



Handle 36 in. long. Price 80c.

No. 105—8 1/2 in. Oil tempered forged tool steel blade riveted to frame. Double brass spring, bolt with ratchet nut; weight 1 lb. Price \$3.00.

## WATERS PATTERN LONG HANDLE TREE PRUNER

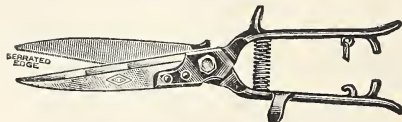


6 foot Waters Long Handle. Price \$1.80.  
8 foot Waters Long Handle. Price \$2.00.  
10 foot Waters Long Handle. Price \$2.20.

## BRANCH SHEARS

All about 3-foot handles.  
Trenton No. 130. A very good shear for light work. Price \$1.70.  
No. 9215 Pruning Knife. Price each \$1.00.  
No. 6427 Budding Knife. Price each \$1.70.

## GRASS SHEARS

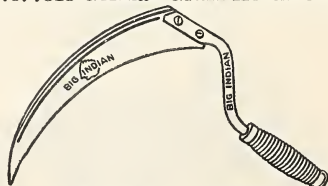


Village Blacksmith Grass Shears  
No. 1 ..... \$1.25  
No. 3 ..... 85c

## GRASS HOOKS



Village Blacksmith No. 0, 50c  
Village Blacksmith Boston 60c.  
No. 7513 German Grass Hooks 40c.



Big Indian. Price 85c.

## TREE AND POT LABELS

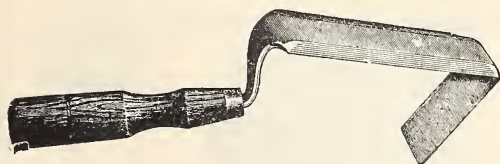
Painted Copper Wired Tree Labels. Per 100 25c, per 1000 \$2.00.  
Painted Tin Wired Tree Labels. Per 100 20c, per 1000 \$1.60.

Pointed Pot Labels. 4 inch, per 100 25c, 5 inch, per 100 30c, per 1000 \$1.75; 5 inch, per 100 30c, per 1000 \$2.50; 6 inch, per 100 35c, per 1000 \$3.00.



# Garden and Lawn Tools

## HAZELTINE WEEDER

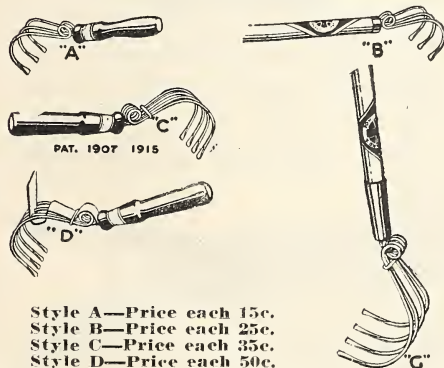


Slight oval spring steel blade. Polished lower side, chisel pointed for digging, hardwood handle, 4 1/2 in. long. Price 40c.



Simplex—Simple, Durable, Rapid, Efficient. Price \$1.15.

## MAGIC WEEDER HOES



Style A—Price each 15c.  
Style B—Price each 25c.  
Style C—Price each 35c.  
Style D—Price each 50c.

## EXCELSIOR



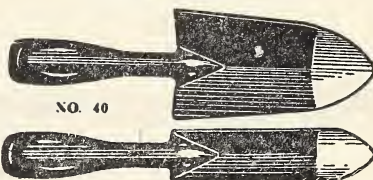
Weight 1/2-lb. Price 20c.

## NORCROSS ADJUSTABLE CULTIVATOR HOE



Five prong for regular garden work, 4 1/2 ft. handle; weight 4 lbs. Price, \$1.25.  
3 prong, 4 ft. handle. Price 90c.  
3 prong "Midget," 9 inch handle, for flowers or close hand work; weight 1 lb. Price, 55c.

## GARDEN TROWELS



No. 41  
Solid blade, socket and handle of one piece forging. A practical indestructible trowel.

No. 40—Price 25c.  
No. 41—Transplanting. Price 25c.

## SPADING FORK



No. F40, 45c; No. F30, 65c.

# Coldwell Lawn Mowers

## SUNSET—Ball Bearing

Blades: Four Crucible Steel.  
Gears: Pinion and sliding pawl drive.  
Bearings: Balls, finest drop forged steel, case hardened. Cones made from steel shafting, turned and ground for true finish.  
Wheels: 8 in. solid style.  
Bottom Knife: Flat crucible steel. Blade self-sharpening.

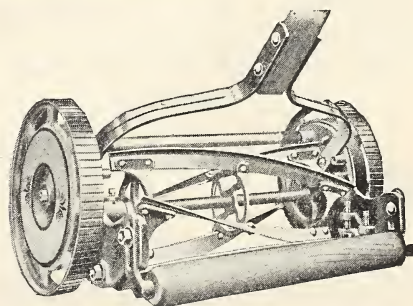
Sunset Mower, 14 inch cut, \$12.25.  
Sunset Mower, 16 inch cut \$12.75.

## GOLDEN GLOW—Plain Bearing

A very light weight, easy running mower. Excellent value at price asked.  
Golden Glow, 14 inch cut \$9.85.  
Golden Glow, 16 inch cut \$10.35.

## GRASS CATCHERS

No. 151 \$1.35; No. 161 \$1.50; No. 301 \$1.55



WRITE FOR BOOKLET ON POWER LAWNMOWERS

# Garden Tools

## NO. A ACME WEEDING HOE



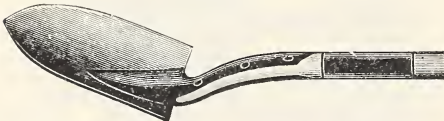
**No. A—Acme Weeding Hoe;** polished steel blade, riveted to maleable iron shank; width of blade, 4½ inches, 4/13 foot handle. **Price \$1.20.**

## No. BB6 BEEBE CULTIVATOR HOE



**No. BB6—Beebe Cultivator Hoe,** with 6-inch polished steel blade riveted to maleable iron shank; handle 4 1/3 feet. **\$1.15.**

## SHOVELS



**Champion, Size 2—Long handle,** round point shovel; polished blade, 9¾x11¾ inches; solid cast steel; socket strap. **\$1.50.**

**Champion, Size 2—D handle;** round point shovel; polished blade, 9¾x11¾ inches; solid cast steel; socket strap. **\$1.50.**

**Champion, Size 2—Square point** solid crucible cast steel; polished blade, 9¾x12 inches; long handle. **\$1.60.**

## CONQUEROR

**Size 2 Shovel—**With solid crucible steel polished blade 9½x11¾ inches long handle, round point. **\$2.25.**

## SPADES



**Size 2—Socket handle spade;** solid cast steel polished blade, 7¼x12 inches; long handle. **\$1.50.**

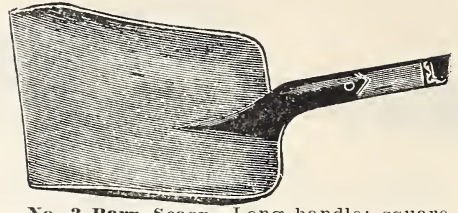
**Size 2—Socket handle spade;** solid cast steel polished blade, 7¼x12 inches; D handle. **\$1.50.**

## BARN SCRAPER, PUSH AND PULL



The push and pull scraper is one of the latest tools on the market for cleaning dairy barn. Does it quicker and easier than the barn shovel and does better work. **\$1.35**

## No. 3 BARN SCOOP



**No. 3 Barn Scoop—Long handle;** square point; width at mouth, 11½ inches; length of blade, 15½ inches. **\$1.75.**

**No. 3 Barn Scoop—D handle;** square point; width at mouth, 1½ inches; length of blade, 15½ inches. **\$1.75.**

## No. 035B—3 TINE HAY FORK



**No. 035B—3 Tine Hay Fork;** three oval tines; strap ferrules; polished handle; gold bronze finish; handle, 4½ ft. **\$1.60.**

**No. 045B—4 Tine Hay Fork;** four oval tines; strap ferrules; polished handle; gold bronze finish; handle, 5 ft. **\$1.70.**

## SPADING FORKS

**No. OH-4—Spading fork;** four heavy angular steel tines; strap ferrules, bent polished handle; gold bronze finish. Handle 4 ft. **\$1.85.**

**No. OHD—D handle** spading fork same specifications **\$1.85.**

## No. 044½—FOUR TINE MANURE FORK



**No. 044½—4 tine Manure Fork,** four oval steel tines; strap ferrule; gold bronze handle, 4½ ft. **\$1.90.**

**No. 054½—5 tine Manure Fork;** 5 oval steel tines; strap ferrules; bent polished handle; gold bronze finish; handle, 4½ ft. long. **\$2.15.**

**No. 064½—6 tine Manure Fork;** 6 oval steel tines; strap ferrules; bent polished handle; gold bronze finish; handle, 4½ ft. long. **\$2.40.**

## No. 40 TURF EDGER

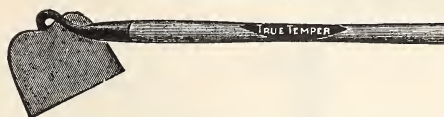


**No. 40—Turf edger,** polished steel blade; solid shank; 4 foot handle. **\$1.25.**



# Garden Tools

## GARDEN HOES

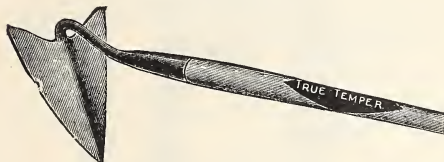


### No. 1 Geneva Socket Pattern Garden Hoe

No. 1—Geneva Socket pattern garden hoes, assorted  $6\frac{1}{2}$  to  $7\frac{1}{2}$  inch blades, XX selected handles, gold bronze finish. **\$1.25.**

No. 1—Oxford Socket pattern,  $6\frac{1}{2}$  to  $7\frac{1}{2}$  inch blade X selected handle. **\$1.10.**

### Warren Hoe



Polished steel blades, socket pattern, 4 113 foot handle. No. W7—7-inch blade **\$1.35**; No. W7 $\frac{1}{2}$ —7 $\frac{1}{2}$ -inch blade **\$1.40.**

## LADIES' GARDEN SETS

Suitable for use in small vegetable gardens; designed for ladies and boys use. Handles polished and waxed, high grade forged steel heads, solid shanks, gold bronze finish. Each set consists of three tools as follows:  $6 \times 4\frac{1}{2}$  in. shovel with 36 in malleable D-handle; 6 tooth rake with 4 ft. handle;  $4 \times 3\frac{1}{2}$  in. hoes with 4 ft. handle. Weight 8 $\frac{1}{2}$  lbs. Per set **\$2.20.**

## OLE OLSEN LAWN RAKE

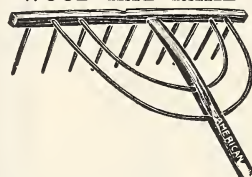
Made with curved head which allows only four or five teeth to come in contact with surface of lawn; also tends to throw the material towards the center of rake. Teeth are of selected hickory, securely clinched to head.  $5\frac{1}{2}$  ft. ash handle. **90c.**

## GARDEN RAKES



Steel curved teeth; solid end bows; the very best garden rake. No. 12—12 tooth **\$1.30**; No. B14—14 tooth **\$1.40**; No. B16—16 tooth, **\$1.50.**

## WOOD HAY RAKE



No. 02—Wood May Rake, 10 teeth; length head 27 inches; length handle 6 feet. **60c.**

## POTATO HOOKS

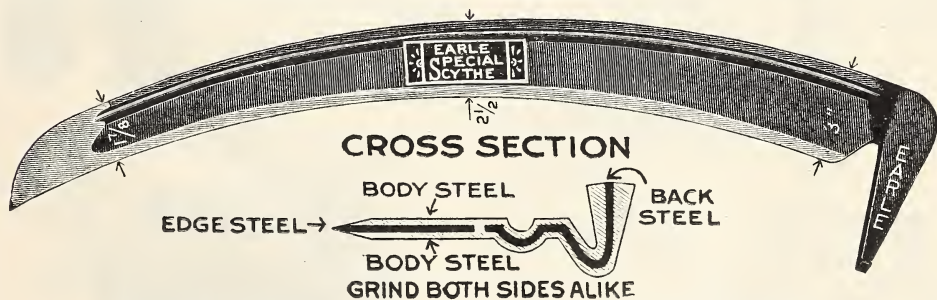
California pattern, forged crucible steel, round or oval tines; plain ferrule, bent head, polished finish, selected hardwood handle. **\$1.70.**

No. 5BOL—4 tines, forged crucible steel, broad oval tines, pointed end; plain ferrule, selected hardwood handle. **\$1.15.**

## No. 2 PLANET JR. LAWN EDGER



A first quality improved edger, strong and durable. It's a pleasure to use a good tool of this make. No. 2 Planet Jr. Lawn Edger **\$1.75.**

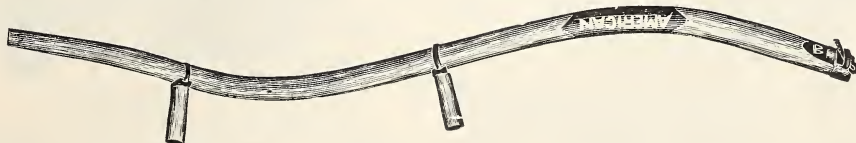


## GRASS SCYTHES

Earle True Taper. Length 28-34 in. **\$2.40.**

## BUSH SCYTHE

Length 18-22 in. **\$2.50.**



## SCYTHE SNATH

American Scythe Snath, Select Bent Ash Body, Malleable Iron Fitting, Grass Snath. **\$1.75.**

## GENUINE SWEDISH

Length 28 in. **\$1.70**; Length 30 in. **\$1.80.**

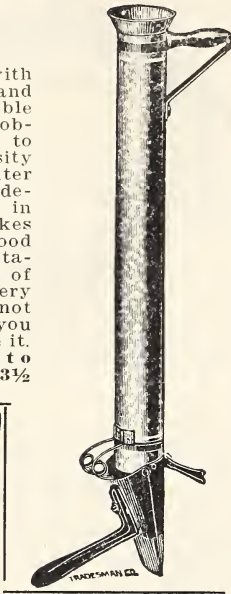
WRITE FOR CATALOG ON JOHN DEERE FARM IMPLEMENTS

# Hand Potato and Corn Planters

## THE EUREKA POTATO PLANTER

A tube planter with self-locking jaws and a broad adjustable depth gauge. The object of the tube is to obviate the necessity of raising the planter for the purpose of depositing the potato in the beak, which makes it an easy and good way of planting potatoes. The operation of this planter is very simple and it cannot get out of order; if you try one you will like it.

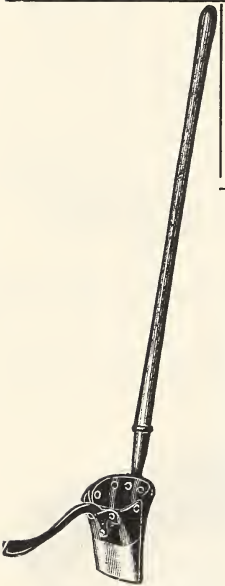
**Eureka Potato Planter, net weight 3½ lbs. \$2.10.**



## THE PINGREE POTATO PLANTER

Simple, strong, durable, easy to operate, has self-locking jaws and adjustable depth gauge. At one operation the holes are made, seed dropped and covered. Plants uniformly any depth desired. It will pay you to try one of these ingenious labor savers.

**Pingree Patent Potato Planter, net wt. 3 lbs. \$1.40.**



## CYCLONE SEEDER

Sows any kind of seed perfectly even over the ground at any desired rate per acre. Saves seed, soon pays for itself. **\$2.50.**



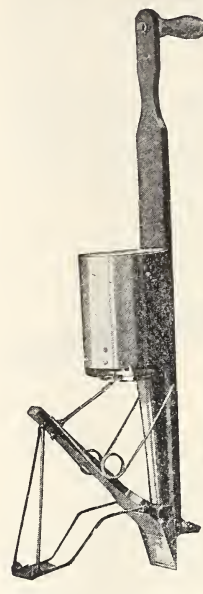
## HORN SEEDER

A good serviceable seeder, practical, easy to handle and supplies a big demand. Nozzle is adjustable. Heavy tin. **\$1.00.**



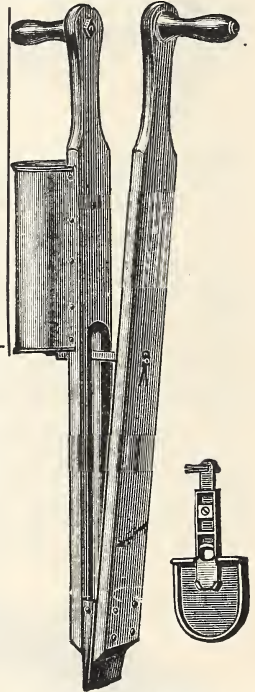
## THE ROTARY CORN PLANTER

A one-hand planter, extremely accurate of drop, due to the novel design of the seed plates and steel spring cut-off. Simple, strong and durable. No tools required to make adjustments. Rotary Corn Planter, weight 6 lbs. **Price \$2.75.**

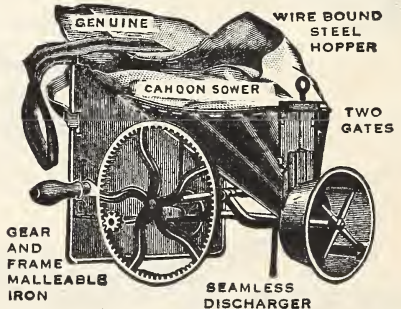


## THE ACME CORN PLANTER

A two-handed planter, light, strong and durable. Especially adapted for planting in heavy, cloddy or stony soils. Will drop seed ranging from popcorn to large kidney beans. Wt. 5 lbs. **\$1.40.**



## CAHOON BROADCAST SEEDER

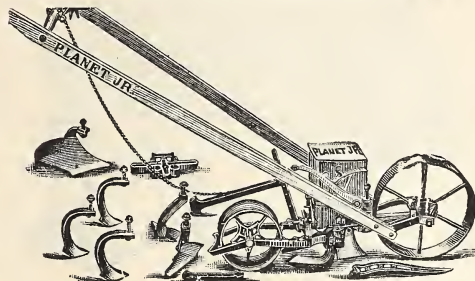


The standard broadcast seed sower of the world, made of steel, iron and brass and with ordinary care will last a lifetime. This is the most popular and best built seed sower, and has a force feed and does excellent work. Instructions with each machine. Weight 9 lbs. **\$5.00.**



# Planet Jr. Tools

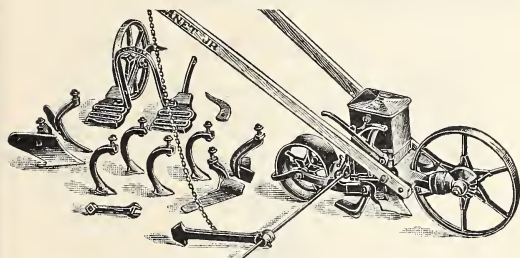
## No. 4 PLANET JR. COMBINATION HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW



Sows all garden seeds in drills or in hills, plows, open furrows and covers them, hoes and cultivates quickly and easily. Weight 50 lbs. Holds 2 quarts. \$18.00.

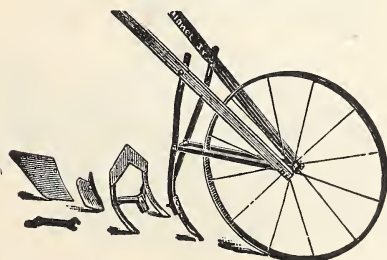
No. 4D—Seeder only. \$14.25.

## No. 25 PLANET JR. HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE



A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder and combined double and single wheel hoe. Weight 60 lbs. \$21.50.

## No. 119 PLANET JR. GARDEN CULTIVATOR

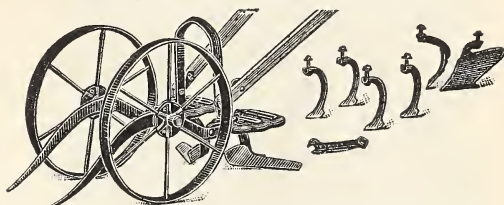


A light, strong and serviceable garden plow, cultivator, hoe and rake. Made of steel throughout. Wheel is 24 inches in diameter. Equipment includes plow, sweep, reversible shovel, rake and wrench. Weight 17 lbs. \$4.50.

## No. 35 PLANET JR. SEEDER ATTACHMENT

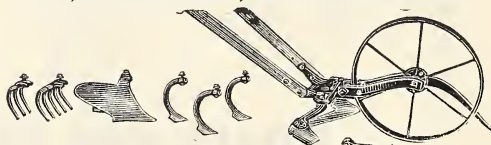
The No. 35 Seeder Attachment is proving very popular with the man who wants an inexpensive seeder and has only small amount of work for it. Can be attached to almost any hand cultivator. \$6.50.

## No. 12 PLANET JR. DOUBLE WHEEL HOE, CULTIVATOR AND PLOW



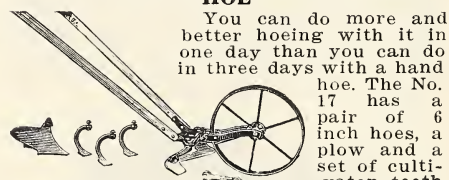
A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. Weight 33 lbs. \$10.75.

## No. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW



Packed weight 26 lbs. Steel frame, 15-inch steel wheel. Equipment: One pair of 6-inch hoes; three cultivator teeth; one large garden plow. All oil tempered. One 7-inch rake, one 4-inch rake, one leaf guard. \$9.00.

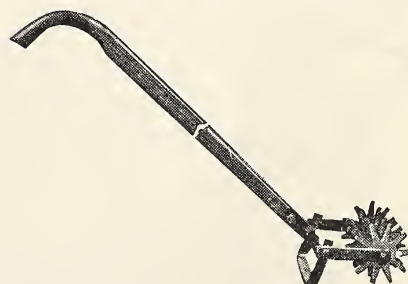
## No. 17 PLANET JR. SINGLE WHEEL HOE



You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6 inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work. Weight 24 lbs. \$7.75.

No. 17½ Planet Jr. is the No. 17 Cultivator less the plow. Weight 22 lbs. \$6.75.

## PLANET JR. STAR PULVERIZER, LEVELER AND WEEDER



This tool, as its name implies, can be used both for pulverizing the seed bed in preparation for planting; and also for keeping down weeds after crops are up. The revolving star-shaped discs have a large cutting surface; and these, in conjunction with the scuffle hoe blade, cut and pulverize the soil below the surface, as no amount of raking could possibly do. Wt. 6 lbs. \$3.00.

## Extras For Planet Jr. Hand Machines

To get the most out of your Planet Jr. hand tools, keep on hand some of these "extra" attachments for special kinds of work. Each one you add gives practically an additional machine.

### Rakes



The rakes, of varying width, are used in many different ways. When the plants first break through, cultivate the surface lightly, using the 3-tooth or 5-tooth, or both, as width of row—6-15 inches may require. 3-tooth, pair \$1.00; 5-tooth, pair \$1.60; 7-tooth, pair \$2.25.

### Disc Hoes



The discs are splendid for shaving the weeds away from small plants or slightly working up to the large ones. Pair \$3.50.



**Cultivator Teeth**  
The cultivator teeth with their narrow necks and wide heads for cutting weeds are splendid for deep, rapid tillage, and are adjustable in pitch. A single tooth is valuable for marking out rows for large seeds, setting plants, etc. Each 35c.



### HOES

**S100 and S101 Hoes**  
4½ inch, pair \$1.20; 6 inch, pair \$1.30.



### Plows

Plow for single wheel hoe \$1.30. Plows for double wheel hoes \$1.40.

## Carts and Wheelbarrows

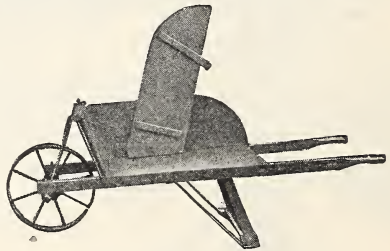
### K. & J. WHEELBARROW FOR DAIRY BARN

This wheelbarrow is the favorite with the dairyman. Its capacity is approximately 4 cubic feet of dirt and due to its extreme depth both front and rear, will hold large quantity of liquid manure without spilling. Depth at back is 8¼ inches; at front 13 inches. Width 24½ inches. Length at top is 37¼ inches. Steel wheel 16½ inches diameter, ½ inch round spokes. Weight 74 lbs. Price \$9.50.



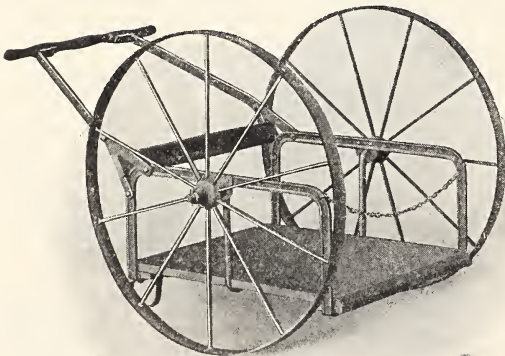
### H. L. F. GARDEN WHEELBARROW

These wheelbarrows are made of wood and steel, which is combined in the simplest form to gain lightness and strength. Steel wheel 18 in. high with 2 in. tire; solid steel axle and malleable boxings. Finished in a very durable bright red. \$4.95.



### PLATFORM HAND CART

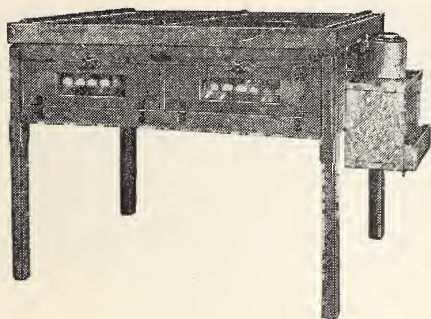
Platform Hand Cart with 2-inch tires. Weight 95 lbs. \$13.75.





# Incubators and Brooders

## ST. HELENS OIL-BURNING INCUBATOR



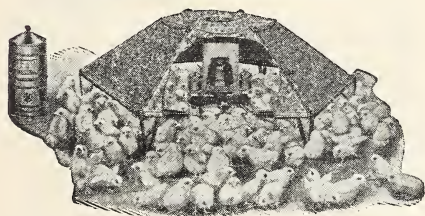
The latest improved St. Helens Standard Incubator represents the best and most successful incubator at the most reasonable price, the product of 30 years of incubator building.

Western red cedar inside case combined with three ply laminated outside, which will never check or warp with felt insulation and dead air spaces between the walls and heavy top. Nicely finished in rosewood, shellacked and varnished. **Automatic egg turners** that turn the eggs as tray is removed, saves time and increases the hatch. **Tandem heat regulator** operated with TWO double wafers, always reliable. **Pure cold rolled copper hot water heating system**, water tight and will never rust out. Safety all metal lamp chamber, safe from fire and saves heat. **Large oil tank** that will operate incubator for one week with one filling. Ample chick nursery beneath egg trays.

Incubators come complete with all attachments ready to operate, such as best tested thermometer, egg tester, complete lamp, egg trays and complete instructions.

140 Egg. Weight 90 lbs.	\$22.50
280 Egg. Weight 150 lbs.	\$30.00
420 Egg. Weight 210 lbs.	\$42.00
560 Egg. Weight 260 lbs.	\$55.00

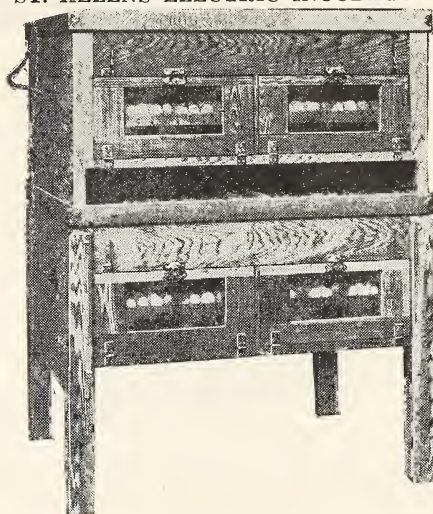
## SOL HOT OIL BROODERS



New patented direct oil feed with adjustable oil level, no danger of light going out. New improved heater with Pressed Steel Oil Well that generates without the use of wicks of any kind. Fitted with large two gallon metal oil container that will operate brooder for about two days with one filling. Operates at a very low cost. Can be used in most any kind of a tight properly ventilated room, brooder house or the open front type poultry house with drop curtain.

24-in. canopy, 100-chick, wt. 25 lbs.	\$12.00
34-in. canopy, 200-chick, wt. 35 lbs.	17.75
44-in. canopy, 400-chick, wt. 50 lbs.	21.50
54-in. canopy, 600-chick, wt. 65 lbs.	24.00
64-in. canopy, 1200-chick size, weight	28.00

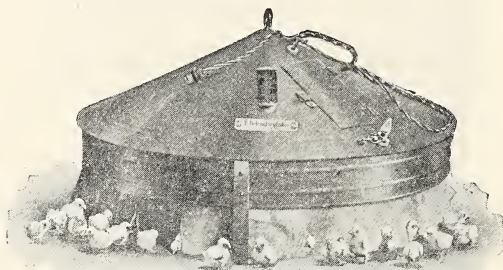
## ST. HELENS ELECTRIC INCUBATOR



Electric heated incubators are the most convenient and clean and safe to operate. Perfect heat distribution and easily controlled automatically within a fraction of a degree with our regulator. Electric incubation is used and preferred by some of the largest hatcheries in the country.

One 320 Egg Section	\$ 60.00
Two 320 Egg Sections	120.00
Three 320 Egg Sections	180.00

## PERFECTED ST. HELENS ELECTRIC BROODER



Here is a brooder that is absolutely safe, automatic in heat control, properly ventilated and can be operated at a very low cost on a 3c heating rate. The No. 2 Brooder can be operated for about 7c for 24 hours. Regularly wired for 110 volt. Furnished all complete with extension cord, felt yard, complete heat regulator, attached, thermometer and pilot light and instruction sheet on operating brooder and feeding chicks.

No. 2—32 in., 200-chick	\$20.00
No. 3—42 in., 350-chick	27.00
No. 4—52 in., 500-chick	33.00
No. 5—60 in., 750-chick	49.00

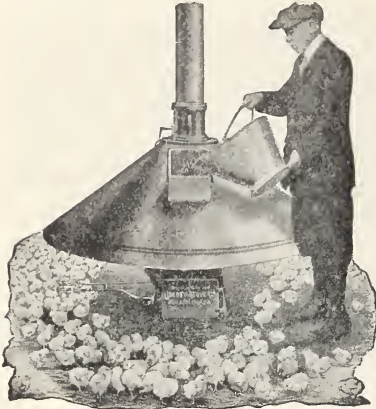
## 24-INCH PERFETION ELECTRIC BROODER

Here is a low priced electric hover that will brood from a small number up to 75 chicks. Fitted with recepticle no glow heating element and 8-ft. extension cord. **\$3.95.**

WRITE FOR COMPLETE INCUBATOR AND BROODER CATALOG

# Miscellaneous Supplies

## PERFECTION COAL BURNING STOVE



Here is a stove especially adapted to burning low grade coal, bark, briquettes or coke. The improved fire box has wider grates, and heavy flaring cast iron body. Automatic heat regulator operates the draft dampers. Canopy made of galvanized steel.

## OAT SPROUTERS

### Cheap Feed and How to Produce It



For two reasons Sprouted Oats should be fed layers and breeders every day of the year. First, it is cheap, and then it is an unequalled egg producer. Five quarts of dry oats will produce eleven and one half quarts when sprouted three days and this will make the morning feed for 100 laying hens. One hundred lbs. of dry oats will nearly double in weight after being sprouted, and feeding value is nearly doubled. The St. Helens Progressive Sprouters are made in the following sizes, electric or lamp heated as desired:

100 hen size without soaking tank .....	\$8.50
250 hen size .....	16.00
500 hen size .....	20.00
750 hen size .....	30.00
1500 hen size .....	46.00

## BROODER THERMOMETERS

No. 5792 Tycos. Wood back, nice finish. Price 80c.

No. 5794 Tycos. Straight metal back. Price 70c.

## HYGROMETER

No. 5796 Tycos Incubator Hygrometer, 4 in., black scale, mercury tube. Price \$1.85.

## ELECTRIC EGG TESTER

Attach to any regular lamp socket and you can test your eggs in two or three days after incubation when the infertile eggs are still good to eat. \$1.75.

## EGG TESTERS

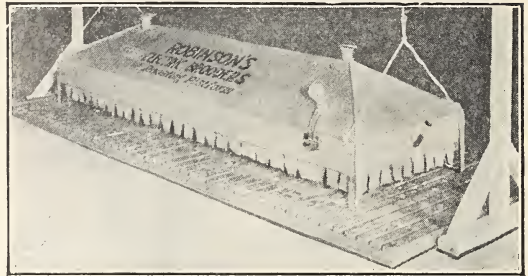
X-Ray. This egg tester is made to use on a lamp and will fit the ordinary No. 3 burner; very convenient and good. 25c.

## LAMP WICKS

No. 1—Price 2 for 5c; dozen 20c  
No. 2—Price 2 for 5c; dozen 20c  
No. 3—Price 5c each; dozen 40c



## ROBINSON'S IMPROVED ELECTRIC BROODER



This brooder is the ultimate result of the efforts of an experienced poultryman who after trying many of the so-called "leading brooders" resolved to make a brooder which actually performed to produce results. First in simplicity—sanitation—successful operation—this proven and practical machine appeals to those with experience. Built to withstand the hardest of farm usage. No skimping of material to later cause trouble. Soldered, folded and riveted for sanitation and fool proof operation coupled with the only thermostat ever made which has successfully proven itself absolutely trustworthy every year.

### Operating Cost Proves Very Low

This brooder draws 350 watts on low, 450 watts on high and incorporating the Stored Heat methods used, the brooder is drawing juice about one-half the time. The usual cost for the eight weeks brooding season runs \$5.00 for each 500 chicks, based on Portland Electric Power Co. rates. If you get a power rate the cost is very low.

Price, F. O. B. Tacoma, \$52.50.

## THERMOMETERS FOR INCUBATORS



No. 5783 Tycos. Certified, triangle shape metal back, best incubator thermometer made, certified correct. Worth the additional cost. Price \$1.15.

No. 1092 Wilder. Equipped with adjustable legs which will allow the instrument to stand at any angle in any part of the machine. Price 90c.

No. 1052 Wilder. Triangle shape, metal back. Price 80c.

## BROODER AND SPROUTER LAMPS

No. 2 Square Fount complete with chimney and No. 2 burner. Price \$2.50.

No. 3 Square Fount complete with chimney and No. 3 burner. Price \$2.75.

No. 2 Round Founts only. Price 80c.

No. 3 Round Founts only. Price 85c.

## LAMP BURNERS

No. 1 Brooder Lamp Burner, 65c.

No. 2 Air Cooled Lamp Burner, 75c.

No. 3 Air Cooled Lamp Burner, 90c.

## CHIMNEYS

No. 2 Metal Chimney for incubator. Size 7 inch. Price 40c.

No. 3 Metal Chimney for incubator or brooder. Size 5 or 7 inch. Price 50c.



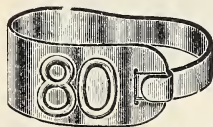
# Miscellaneous Poultry Supplies

## PETTY'S POULTRY PUNCH



Latest, most convenient Poultry Punch; can be put on a key ring or used for a watch charm. Will not clog. Thoroughly practical. Price, postpaid, 25c.

## LEG BANDS



**Leader.** Latest and best adjustable leg band out. Has neat, compact and smooth fastening, with non catching points; easily attached and is absolutely secure. Prices, postpaid, 12 for 15c; 25 for 25c; 50 for 40c; 100 for 75c.

## SPIRAL COLORED LEG BANDS



Made like a key ring—easy to put on, nothing to catch or tear off—instantly identifies your birds as far as you can see the color. All sizes from chick to mature fowls. Ten colors—red, white, yellow, black, pink, green, brown, purple, light blue, dark blue.

No. 9—Mediterranean. One doz. 10c, 100 50c.

No. 11 and 12—American and Asiatic. One doz. 10c, 100 55c.

Baby Chick Spiral Colored Leg Bands. 1 doz. 10c, 100 35c.

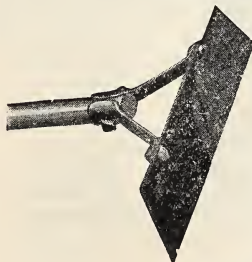
## BANDETTES

Colored Celluloid Leg Bands, Big Visible Numbers



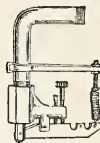
Bandettes are strongly made, will not become uncoiled, and having a smooth, plain surface, do not get clogged with dirt to obscure the numbers. The colors are not affected by weather; are always bright and distinctive. The large numbers are impressed in bold type and cannot come off. After printing the numbers are covered with indestructible laquer. Made in colors: green, pink, yellow, red and blue. 25 for 50c, 50 for 90c, 100 for \$1.75.

## No. 995 STAR POULTRY HOUSE SCRAPER



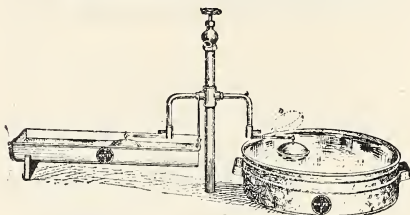
Heavy steel blade, 13 in. long is shaped with a sharp angle at each end of the scraping edge so as to get into corners and cracks. Blade is held rigid by heavy malleable braces running each way from the handle socket. Weight each 4 lbs. Price \$1.25.

## GUARANTEED AUTOMATIC FAUCET



This "Guaranteed" Automatic Water Fountain is especially designed for poultry. It can be attached to any city water line, farm storage tank or even a barrel. It supplies fresh water to the chickens automatically. It is operated by gravity pressure, the weight of the water in the pan controls the valve. It is made of high grade brass throughout, fits standard 1/4-inch pipe. Price each \$1.50. Send for circular. Postage extra.

## RELIABLE FLOAT FOUNTAIN



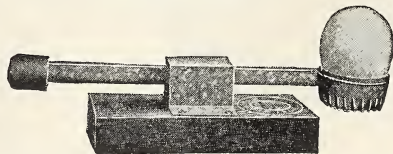
The illustration shows two ways that the Reliable fountain can be used. Every part of this fountain is made of pure brass, also the float. The Watertite Valve is one of the good features of this fountain. Made to fit standard 1/4 inch pipe. Each \$1.15.

## CAPONIZING TOOLS



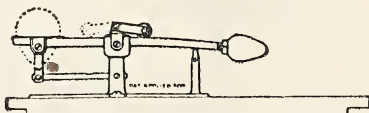
Every poultryman should have the New Philadelphia Caponizing Set. Supplied complete in pasteboard box. Price per set \$3.00.

## EGG SCALE



A well constructed, accurate and reliable egg scale at very nominal price. They are of the 22 oz. and 19 oz. types or in other words for first grade and pullet eggs. Each is intact in itself. 50c; postpaid 55c.

## RELIABLE EGG SCALE



### Speed, Accuracy and Endurance

Are combined in the Reliable Egg Scale. The eggs can be placed in any position and yet give the correct weights. The scale has four steel knife edge bearings, guaranteeing correct weight and long life. Each \$3.00

# Miscellaneous Poultry Supplies

## MOE'S FAMOUS STAR FOUNTAIN



Moe's Star Fountain for baby chicks is the most popular and satisfactory Mason Jar fountain on the market. Stamped of a single piece of metal without any seams or solder. Cannot leak. In two styles, heavy rust resisting terne plate and in bright charcoal tin plate. No. 132 Terne Plate, each 10c, 3 for 25c, 7 for 50c. No. 133 Heavy Tin, each 10c, 3 for 25c, 7 for 50c.

## 10-QUART TIP-OVER PAILS

Just fill and tip them over. Each \$1.40.

## MOE'S ROUND BABY CHICK FEEDERS

Can be taken apart easily for filling or cleaning.

No. 11—6 in. with 8 holes. Price each 15c, 2 for 25c, doz. \$1.45.

No. 12—8 1/4 in. with 12 holes. Price each 25c, per dozen \$3.00.



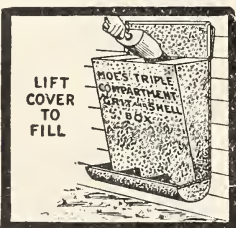
## MOE'S GALVANIZED IRON DRINKING FOUNTAINS



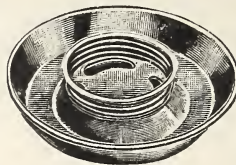
Our galvanized Iron Drinking Fountains embody every good feature of the down-to-date drinking fountains, and we believe, are the best in use. They are easily filled, cleaned and kept clean. If placed in the shade in summer time, the water will keep nearly as cool as in an earthen vessel. They are much lighter than the earthenware fountains and are safer to ship. A dozen can be put in compact package for shipment as they nest together. We offer them at a very low price. Large size, about 1 gallon; weight 1 1/2 lbs. Each 50c.

## MOE'S SANITARY SELF-FEEDING BOXES

Made of heavy galvanized iron; soon pays for itself in preventing waste of feed. For keeping grit, shells and charcoal before the fowls at all times. 3 compartments. Wt. 2 1/2 lbs. Price 85c.

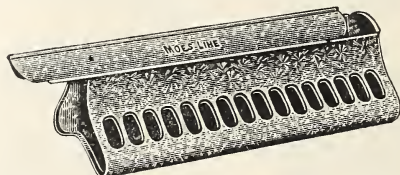


## MOE'S MASON JAR FOUNTAIN



Moe's No. 142 round Mason Jar Fountain is made of heavy rust resisting metal and is the finest fountain of its kind. No solder used in its construction. Price each 10c, per dozen \$1.10.

## MOE'S LARGE CAPACITY FEEDER



The finest feeder made to care for both large and small flocks. A wonderful feeder for growing chicks and a great labor saver when chicks are raised in large flocks. Made of heavy galvanized iron, with a large capacity. Sliding top cover, easy to fill and clean, and the birds cannot roost on the top or sides.

No. 141—Capacity 17 quarts. length 35 inches. Price \$1.80.

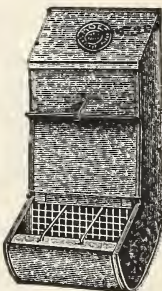
141T—Same as No. 141 but has a tilting or swinging top so that chickens cannot perch on it. Price \$1.95.

## MOE'S DRY MASH HOPPER

A dry mash hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds and taper shape of hopper, prevents clogging.

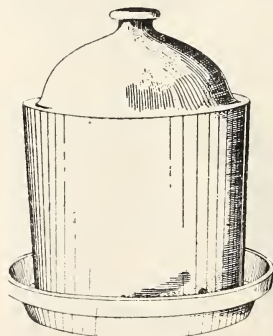
No. 36—12 in. wide, 19 in. high. Capacity 14 qts. Price each \$2.05.

No. 37—24 in. wide, 19 in. high. Capacity 32 qts. Price \$3.00.



## CROCK FOUNTS FOR WATER OR BUTTERMILK

3 sizes  
1/2-gal. 60c.  
1-gal. 80c.  
2-gal. \$1.25

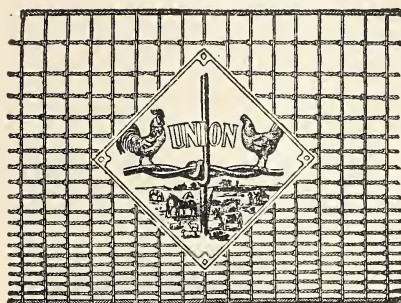


POSTAGE EXTRA on all feeders and founts



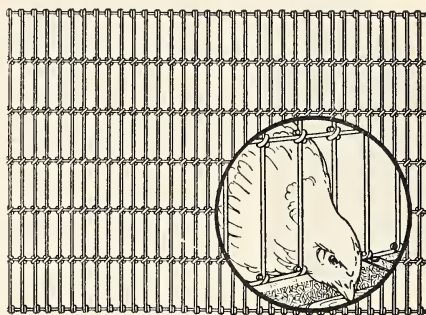
# Wire Fencing

## UNION LOCK "SQUARE MESH" POULTRY FENCE



Made of two strands of No. 20 wire run horizontally with No. 19 steel wire vertical strips every three inches, the first six cables  $1\frac{1}{4}$  inches apart; the next three are  $1\frac{1}{2}$  inches, and then 6 to 2 inches, and all above are 4 inches. This makes the fence tight at the bottom, where needed for small chicks. This fence will fit any unevenness of ground, and because of its strength and construction requires no top or bottom rail and only half as many posts as the ordinary wire netting. It is thoroughly galvanized and will last for years. The wires are not mutilated in weaving. Easy to handle, easy to build and easy to move. 165 feet to roll. 24 in. per roll \$3.90, 36 in. per roll \$4.60, 48 inch per roll \$5.50, 60 in. per roll \$6.40, 72 in. per roll \$7.20. Galvanized Staples, per lb. Poultry sizes 15c

## KEYSTONE POULTRY FEEDING FENCE



This fence is made to use on poultry houses where feeding troughs are placed outside. Vertical wires are spaced 2 in. apart and strand wires are 8 in. apart which gives plenty of room for feeding but makes a barrier that keeps the poultry in. All wires are number 12 $\frac{1}{2}$ . Put up in 100 ft. rolls. Add 2c per foot for cut lengths.

36 inch, per 100 ft. roll \$12.00.

48 inch per 100 ft. roll \$14.00.

## ELECTRIC WELDED POULTRY HOUSE FEEDING FENCE

Made expressly for the fronts of the poultry house. Size of mesh is 2x6 inches, all joints electric welded. Won't cut the combs on your fowls.

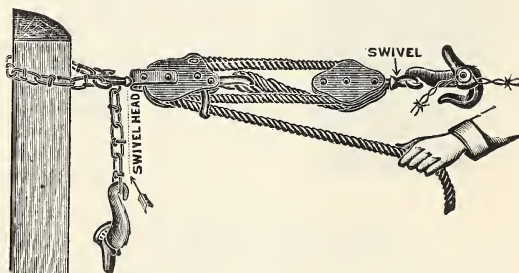
No. 736—3 ft. high. Per ft. 16c.

## BERRY WIRE

We specialize in berry wire for Berry Growers. Our stock is large and our prices are FAIR.

No. 12 Smooth Galvanealed Berry Wire. Per 100 lbs. \$4.75.

## WIRE STRETCHER



The Stretcher-Hoist is an implement for which there are a multitude of uses around the farm, aside from wire stretching. Capacity 400 lbs. Weight 5 $\frac{1}{2}$  lbs. Price \$2.00.

## IWAN PATENT IMPROVED POST HOLE AUGER

The Iwan Augers are substantial and durable. They are adapted to wet or dry, hard or soft soil, are quick and easy in operation, and easily emptied. They have a large cutting surface, consisting of two blades, each having two cutting edges. The shank being of  $\frac{3}{4}$  inch pipe, the augers may be used for boring wells by adding lengths of pipe as necessary. The smaller sizes are used extensively for boring under stumps in land clearing.

6 inch, weight 8 lbs. \$2.75; 7 inch, weight 9 lbs. \$3.00; 8 inch, weight 10 lbs. \$3.00.

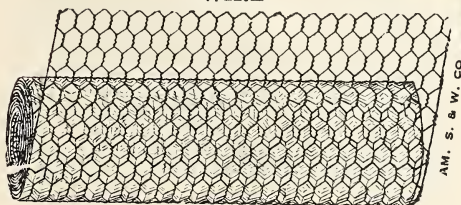
## PERFECTION POST HOLE DIGGER



The shoulders extending from the upper part of the sockets are provided with mortises and tenons, which interlock, making a firm connection that absolutely prevents all side motion when operating, at the same time preventing the operator from getting his hands pinched.

Perfection Post Hole Digger, wt. 10 lbs. Price each 2.40.

## No. 20 DIAMOND MESH POULTRY WIRE



In rolls 150 feet long, in the following widths. This is commonly referred to as Poultry Netting.

	12-in.	18-in.	24-in.	30-in.
2-inch mesh	\$1.15	\$1.65	\$2.15	\$2.55
1-inch mesh	2.60	3.75	4.75	5.65
2-inch mesh	\$2.90	\$3.60	\$4.50	\$5.40
1-inch mesh	6.45	8.60		

Write us for Special Price on Large Quantities.

WRITE US ABOUT FIELD FENCE NOT SHOWN IN CATALOG

# Poultry Foods & Remedies

## LEE'S GERMOZONE



Without a doubt, Germozone is the most widely used poultry remedy on the market today. Germozone's great curative powers spread over such a wide range of poultry troubles that surely it is the "best first try for sick chickens," and poultry raisers who use Germozone regularly find that very rarely do they have losses in their flock from disease. In fact, many state they would not try to raise chickens without Germozone. 12-oz. bottle 75c, 32-oz. bot-

tle \$1.50, ½-gal. \$2.50, 1-gal. \$4.50.

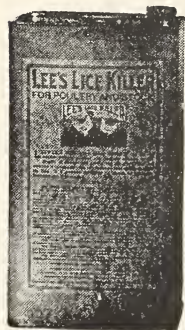
## LEE'S GIZZARD CAPSULE

**A Wonderful Invention for Worms in Poultry.**

An Insoluble Capsule carrying a triple combination worm medicine for **TAPE WORMS, ROUND WORMS** and **PIN WORMS**. Being insoluble, it passes through the mouth, throat, crop and stomach of the fowl to the gizzard where it is ground up like a grain of corn, pouring the full strength, undiluted medicine directly into the intestines upon the worms.

**Adult Size—50 \$1.00; 100 \$1.75; 250 \$4.00, 500 \$7.00, 1000 \$12.00.**

**Chick Size—50 65c, 100 \$1.00, 250 \$2.50, 500 \$4.50, 1000 \$8.00.**



## LEE'S LICE KILLER

Destroys either by vapor or contact. No trouble to apply; just paint the roosts or wall at night. Kils poultry houses of all vermin. Is prepared exclusively for this purpose. **Qt. can 60c. ½-gal. 90c, 1 gal. \$1.50.**

## LEE'S LOUSE POWDER

**Contains Sodium Fluoride**

A real good powder is always a good asset about a poultry house; and when one is really needed the best is none too good. In Lee's Louse Powder you have the result of long years of study and experimenting by practical people, not only in compounding goods of this kind, but with a fifty years experience in the poultry business. This is a powder packed in round, sprinkler-top cans, handy for instant use on either old or young chickens. **Lb. can 30c, 2½ lb. can 60c.**

## LEE'S DIP AND DISINFECTANT

A coal tar cresote stock dip and disinfectant. Lee's Dip is highly concentrated, containing not over 8% inert matter. (Water sufficient to prevent gelatinization during cool weather.) One gallon makes fifty to one hundred gallons dipping or disinfecting solution, quantity depending upon what it is to be used for. **Quart cans 75c, ½-gal. cans \$1.25, gal. cans \$2.00.**

## DR. HESS POULTRY PAN-A-MIN

(Formerly Pan-a-cea)

Dr. Hess Poultry Pan-a-min is an improved conditioner and mineral supplement which enables hens to convert the maximum amount of feed into more eggs and greater profit. Three pounds of Pan-a-min are added to every 100 pounds of mash, costing about 1 c per hen per month. Pan-a-min does not take the place of feed and no feed can take the place of Pan-a-min. Whether you prepare your own or use a favorite commercial feed, you will always get better results if you add Pan-a-min to the ration. **3-lb. package 65c, 7-lb. package \$1.25, 15-lb. package \$2.25, 25-lb. package \$3.50.**

## DR. HESS VER-MI-TROL

For Poultry Infested with Worms.

A convenient treatment that birds eat readily. Never drastic nor upsetting. No handling of birds. Simply add it to the morning feed. The birds do the rest. **4-lb. pkg. \$1.50, 10-lb. pkg. \$3.25.**

## DR. HESS INSTANT LOUSE KILLER

Kills lice on stock and poultry, ticks on sheep, fleas on dogs, moths, bedbugs, certain bugs infesting plant life.

**1½-lb. pkg 30c, 2½-lb. pkg. 60c.**

## DR. HESS DIP AND DISINFECTANT

A thoroughly reliable disinfectant, germicide, and deodorizer.

**Quarts 75c, ½-gal. \$1.25, gal. \$2.00.**

## CONKEY'S REMEDIES



**Roup Remedy: 30c, 60c, \$1.20, \$2.50. White Diarrhea: 30c, 60c, \$1.20.**

## BLATCHFORD'S CHICK MASH

Starts, grows and matures without change of feed. It contains all the feeds and nutriment chicks need right from the start. It shields them from white diarrhea, bowel trouble and leg weakness. It does not force, but, by supplying proper nourishment to each and every part of the body, promotes steady and complete development in the shortest possible time. **10-lb. sack 80c, 25-lb. sack \$1.70, 100-lb sack \$5.95.**

## CHINA NEST EGGS

Best grade opal eggs. **Per dozen 30c.**

## TRENGROVES NON-PIKK

For cannibalism (toe and rump picking.) **¼-lb. pkg. 75c.**



# Bird Foods & Remedies

## Poole's Special Singer Mixture

A special balanced mixture of the very finest imported seeds. Always fresh re-cleaned stock. Per lb. 15c, 10 lbs. \$1.25.

## CANARY SEED

Finest re-cleaned imported seed. Per lb. 15c, 10 lbs. \$1.25.

## HEMP SEED

Re-cleaned fresh stock. Per lb. 15c, 10 lbs. \$1.25.

## RAPE SEED

Sweet Summer. Per lb. 15c, 10 lbs. \$1.25.

## MILLET SEED

Re-cleaned. Per lb. 15c, 10 lbs. \$1.25.

## SUN FLOWER SEED

Special re-cleaned. Per lb. 15c, 10 lbs. \$1.25

Postage EXTRA on all Bird Seeds

## JUSTRITE BIRD FOODS AND REMEDIES

A 48 page booklet of instructions for care and feeding of birds and fish together with complete list of Justrite Foods and Remedies set free on request.

**Justrite Honey Roll.** A toasted food tonic for canaries. A real treat. Each 15c.

**Justrite Bird Bitters** with medicine drop-per. Each 25c.

**Justrite Bird Wash.** Each 25c.

**Justrite Song Restorer.** Each 25c.

**Justrite Cage Cleaner and Lice Destroyer.** Each 35c.

**Justrite Lice Powder.** Each 15c.

**Justrite Moulting Food.** Each 20c.

**Justrite Vitamine Health Food with Cod Liver Oil.** 25c.

## BIRD CAGES

**Style "E" Cages**  
Japanese style cages finished in many tone effects with brass Hiltite.

**Style "E" Stands**  
¾ inch brass tubing with ornamental spindle. Finished in many colors with brass Hiltite. Pictured in insert.

Cages \$3.25 up.

Stands \$3.10 up.

We have many other styles and colors with a wide range of prices.

## BIRD CAGE SUPPLIES

**Bird Cage Springs.**

Each —

**Opal Shell Cups** for feeding and drinking.

Each —

**Bird Cage Hooks.** To hang cages from the wall. Each 25c.

**Bird Bath.** White. Hangs on side of cage. Very handy. Each 75c.



## SPRATT'S BIRD FOODS AND REMEDIES

**Spratt's Sing Song.** Each 15c.

**Spratt's Song Restorer.** Each 25c.

**Spratt's Bird Tonic.** Each 30c.

**Spratt's Nestling Food,** small size, 15c.

**Spratt's Nestling Food,** large size, 25c.

**Spratt's Moulting Food.** Each 25c.

**Spratt's Parrot Mixture.** Each 25c.

**Spratt's Polli Crackers.** Each 20c.

**Spratt's Roller Mixture.** Each 25c.

**Spratt's Love Bird Mixture.** Each 25c.

**Spratt's Quinella Tibbs.** Each 30c.

## PULVEX LICE POWDER

Sure death to lice, fleas and mites on dogs, cats and foxes. Price 50c.

## SPRATT'S DOG AND CAT FOODS AND REMEDIES

**Spratt's Tonic and Condition Tablets** for Dogs. 60c.

**Spratt's Toy Dog and Puppy Tonic** and Condition Tablets 60c.

**Spratt's Fever Tone (Distemper) Tablets** 75c.

**Spratt's Mange Medicine** 75c.

**Spratt's Diarrhoe Tablets** 60c.

**Spratt's Digestive Tablets** 60c.

**Spratt's Chorea Tablets** 60c.

**Spratt's Ear and Canker Ointment** 75c.

**Spratt's Tape Worm Tablets** 60c.

**Spratt's Cat Condition Tablets** 60c.

**Spratt's Ovals.** The dainty pocket dog biscuit for all breeds. Per lb. 20c, 5 lbs. 75c, 10 lbs. \$1.50. Write for prices in larger quantities.

**Spratt's Fibo.** A granulated food for medium and small breeds. Per lb. 20c, 5 lbs. 80c, 10 lbs. \$1.50. Write for prices in larger quantities.

**Spratt's Kibble Cakes.** Broken biscuits. Per lb. 20c, 5 lbs. 75c, 10 lbs. \$1.50. Write for prices in larger quantities.

**Spratt's Charcoal Ovals.** For dogs suffering from internal ailments, fetid breath, etc. Per lb. 20c, 5 lbs. 80c, 10 lbs. \$1.55. Write for prices in larger quantities.

## LESLIE'S PETLICKS

For rabbits, pigeons and cavies. Each 6c, roll of ten 50c.

## VITAMONT

A Pure Meat Product

U. S. Government Inspected

THE WONDER DOG FOOD

For All Breeds of Dogs

A Properly Balanced Food Cooked and ready to serve, that will keep your dog in the pink of condition.

Nothing but the Purest of Meat, (Government Inspected) select high grade cereals, and other ingredients.

Vitamont comes in handy one pound tins, and is far less expensive than fresh meat, and far better too. 1 lb. tins, price each, 15c.

Write for prices in case lots.

"It's Doggone Good Dog Food"

Cats like it too

# Stock Remedies

## BAG BALM



For all diseases of udder and teats, such as caked bag, sore teats, bunches, chapping, cuts, or inflamed parts, you can use this remedy with perfect safety; positive results in every case. There is nothing better for keeping all the parts healthy and in the pink of condition—sanitary and clean. The use of BAG BALM will make decidedly easier milkers of your herd. Try BAG BALM and your shelf will always be stocked with it. It has a variety of uses. Price per package 60c.

## GRANGE POKE ROOT COMPOUND

For that serious disorder peculiar to cows—garget, Grange Poke Root Compound is favorably known to every dairyman. Bear in mind that garget is a disease by itself, with peculiarities that demand a special remedy that goes scientifically to the cause of this trouble. It is a great mistake to confuse this disease with caked bag, bunches in bag or anything else than what it is. Grange Poke Root Compound has been used for more than 25 years. A can is enough to treat 15 cases. Price per can 65c.

## DR. HESS FLY CHASER

Dr. Hess Flychaser is a thoroughly reliable fly repellent. It drives away flies and mosquitoes. It insures fly immunity while milking. It affords cows contentment during those busy morning grazing hours. It is long lasting. It has a pleasant odor. It does not stain the animal. It does not gum the hair. It does not taint the milk. Guaranteed satisfactory or your money back. Quart 60c, ½-gal. 90c, gal. \$1.50.

## DR. HESS DIP AND DISINFECTANT

(Standardized)

As an aid in disinfecting Hog Pen, Kennels, Poultry Houses, Barns, Outhouses, Drains and Sinks. As an aid in the treatment of Scab, Ringworm and Superficial Mange. As an aid in eliminating Lice, Fleas, Mites and Sheep Ticks from Horses, Cattle, Sheep, Swine, Dogs, Goats and Poultry. A reliable Disinfectant, Germicide, Deodorizer, Good alike for Home and Stable. Carbolic acid coefficient—5 by Rideal Walker Method. Quart 75c, ½-gal. \$1.25, gal. \$2.00

## DR. HESS IMPROVED STOCK TONIC

Dr. Hess' Improved Stock Tonic is a scientific Conditioner and Mineral Supplement for Horses, Cattle, Hogs and Sheep.

The ingredients are combined to act as a general conditioner, an appetizer, a laxative, a diuretic, and mineral supplement. It is a tonic to their system. It helps to overcome gastrous condition such as Hairlessness in pigs and big neck in calves and lambs.

It supplies Mineral Substances that may be deficient in the food. It is not necessary to feed an additional supplementary minerals when using Dr. Hess' Improved Stock Tonic regularly.

In a series of 300-day tests conducted at our Research Farm, every dollar invested in feed and Dr. Hess Improved Stock Tonic, above usual feeding costs, returned more than \$8 in extra profits. 5 lbs. 85c, 10 lbs. \$1.50, 25 lbs. \$3.50, 100 lbs. \$12.00.

## KOW-KARE



Kow-Kare is the most famous of our remedies. It has so many uses on the dairy farm, its supply should never be permitted to get low. It is recommended for scouring, loss of appetite, bunches; especially favorable in cases of possible or threatened abortion. Widely recommended for barrenness, for retained after-birth, for milk fever. There is no better medicine for cows, and while of incalculable value on the dairy farm, its use means but a cent a day per cow. Large size \$1.25, medium size 65c.



**Antiseptic  
NOT A  
POISON  
Powerful  
Sterilizer  
Deodorant,  
Disinfectant**

Used on farms and dairies to sterilize fillers, cans, pails, strainers, churns, milk bottles, milking machines, cream separators. For disinfecting and deodorizing stables, floors, gutters, hog pens, poultry houses and used on livestock for wounds, cuts, contagious abortion, retained after-birth, calf scours and also in whitewash. Every farmer should use B. K. Trial size 35c, 10-oz. bottle 65c, 32-oz. bottle \$1.25, gal bottles \$3.00. Not mailable on account of being a liquid.

## BLATCHFORD'S CALF MEAL



**First on the Market, First in Quality, First in Results.** Blatchford's Calf Meal raises calves from babyhood. It is extremely palatable. It is easy to feed. It saves both milk and money. It will pay you to use it. 25-lb. sack \$1.85, 100-lb. sack \$6.40.

Prices subject to Change without notice.



Your cows will repay you with more and better milk if you keep them free from flies. Guaranteed to give satisfaction or we will cheerfully refund your money. Once you try Cow-Ease you'll wonder how you got along without it. Quart 60c, ½-gal. 90c, gal. \$1.50.



# Dairy Supplies



## SANITARY STEEL CLAD DAIRY PAILS

5A charcoal plate mirror finish, four rivet ears. Extra heavy retinned bail, soldered inside and outside.

No. P7210, 10 qt. \$1.40  
No. P7212, 12 qt. \$1.50  
No. P7214, 14 qt. \$1.60  
No. P7416, 16 qt. \$1.65  
No. P9420, 20 qt. \$1.75

## ALUMINUM GALVANIZED PAILS

Best quality 28 gauge cold rolled steel heavily coated with a special coating of spelter and aluminum.

No. G1110, 10 qt. 65c  
No. G1112, 12 qt. 70c  
No. G1114, 14 qt. 75c  
No. G1116, 16 qt. \$1.00



## WORLD'S BEST DAIRY PAILS

Flaring pattern Charcoal plate

No. 25, 10 qt. .....70c  
No. 30, 12 qt. .....75c  
No. 35, 14 qt. .....80c



## CREAM SETTING PAILS

5A charcoal plate, mirror finish.

No. P17220—20-qt., 2x with gauge and brass faucet \$3.  
No. 1120—20-qt., 2x without gauge and faucet \$1.50



## STERILIZED COTTON PADS

For No. 19612 and No. 19614 Milk Strainer. 100 75c, 300 \$2.00.

## MILK STIRRERS

No. 452 Plain Solid 60c, No. 453 Perforated 60c, No. 455 Milk Sampler 75c.

## EXTRA HEAVY MILK PANS

No. 2906, 4 1/4 qts. 60c, No. 2908, 5 1/2 qts. 65c  
No. 2910, 6 qts. 70c, No. 2912, 6 1/2 qts. 80c

## EXTRA HEAVY SEAMLESS MILK STRAINERS

Extra heavy seamless, retinned. Heavy around top; sanitary soldered. Equipped with circular piece of wire cloth with soldered edge; a circular piece of perforated tin and a wire spring to hold both in position. Cotton pads for use between wire cloth and perforated tin are furnished at an extra charge.

No. 19612 \$2.15; No. 19614 \$2.50.



## HEAVY SEAMLESS MILK STRAINER

Heavy wire around top, best quality strainer cloth which can be easily replaced. Extra band for holding cloth on foot. Sanitary soldered.

No. 1932, 3 qt. \$1.10  
No. 1934, 6 qt. \$1.35  
No. 1936, 8 qt. \$1.50



## GALVANIZED STOCK FEEDING PAILS

Special extra heavy 24 gauge cold rolled steel, with extra heavy 5116 in. iron bail and heavy drop forged U. S. A. drop ears. No. 9420, 20 qts. \$1.75.



## STRAINER PAILS

5A charcoal plate, mirror, square strainer on breast.

P13210, 10 qt. \$1.70  
P13212, 12 qt. \$1.75  
P13214, 14 qt. \$1.80

## MILK SCALES

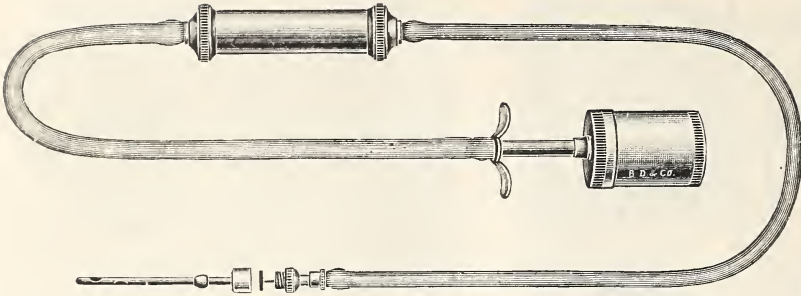
### Hanson Dairy Scale

Improved circular spring balance to weigh 60 lbs. by 1/10 lb. This scale is made with a loose pointer which may be set any where on the dial by means of a thumb screw on the center of the pointer. Thus the weight of the pail is taken into consideration and the net weight of the milk is registered on the scale. No. 160—60-lb. capacity \$5.00.



FOR GREATER MILK PRODUCTION USE STAR WATER BOWLS—SEE PAGE 81

# Dairy Supplies



## THE YALE MILK FEVER OUTFIT

The Milk Fever apparatus was first worked out by the Government Bureau of Animal Industry and is so effective in promptly restoring the health of valuable cattle that no veterinarian or stockman should be without one, ready for instant use. The Yale Milk Fever Outfit is equipped with our famous Yale Hand Pump and the advantage is so great that it has almost entirely supplanted the rubber bulb type. The milking tube has valve which prevents the milk being drawn into the tube and cylinder. It also enables the operator to disconnect the outfit and leave the tube in the teat.

No. 7056 Yale Milk Fever Outfit (in paste board box). Price \$3.25.

## CATTLE TROCAR

No. 6526 Cattle Trocar, 4½ inches long with metal handle. Price each \$2.00.

## DR. NAYLOR'S MEDICATED TEAT DILATORS

For the treatment of Spider, Obstructions, Hard Milkers, Cut and Bruised Teats, etc. These dilators are not rubber or wax, but are made of an absorbent texture, capable of carrying the medicated ointment into the teat canal to the seat of the trouble. They heal the teat and keep it open. The dilators are sterilized and packed in the medicated ointment thus preventing any chance of infection so common with a milking tube or dilator that is handled over before being placed in a cow's teat. 1 dozen Dilators in Jar Ointment 55¢, 3 dozen Dilators in Jar Ointment \$1.10.

STRICTURE CUTTERS—Price each \$3.25.

## MONARCH MILKING TUBES

### CHAMPION TEAT PLUGS

The most effective remedy for hard milkers.

No. 7040 Self-Retaining Teat Plug, 25¢.

No. 7041 Self-Retaining Teat Plug with Loop for tap, 7041. Price 30¢.

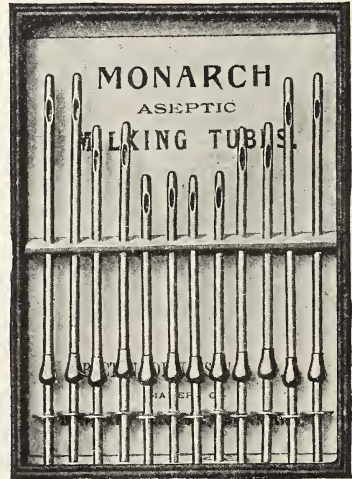
### WYANDOTTE CLEANER AND CLEANSER



Wyandotte Sanitary Cleaner and Cleanser is a dry, snow white powder, with no grease, fat, caustic, lye, acid or preservatives in its composition. Neither does it contain a particle of animal or vegetable matter. It is especially adapted to the cleaning of dairy utensils, tinware, cans, bottles, separators, etc. It can also be used to advantage by the

housewife for family washing and general household cleaning. Carried in stock in the following sizes. 5-lb. sack 50¢, 3 5-lb. sacks \$1.35, 5 5-lb. sacks \$2.25, 80-lb. keg \$5.72, 280-lb. bbl. \$16.52.

Alkali Special for Power Washers. Per bbl., 300 lbs. net weight \$19.95. Per keg, 100 lbs. net \$7.90.



Furnished in 2 inch, 3 and 3½ inch lengths. In ordering specify length you desire.

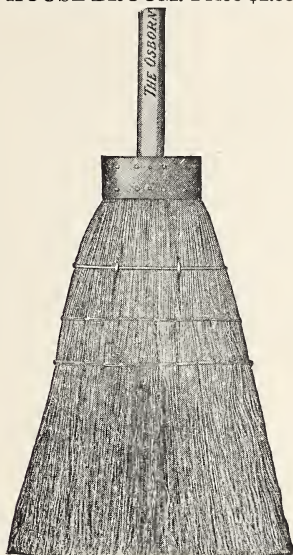
Monarch Self-Retaining Milk Tube, nickel plated. Price 25¢.

No. 7030 Champion Adjustable Milking Tube, nickel plated. Price each 40¢.



# Dairy Supplies

**JUMBO FIBRE BARN AND WAREHOUSE BROOM. Price \$1.35**



**CAN BRUSHES**



**Solid Blocks, Staple Set, Very Full**

This is unquestionably the most serviceable milk can brush on the market. The flaring wings make it possible to get into the corners, insuring an absolutely clean can with the least possible labor.

**No. 08**—Width of face 5 in., length of face 10 in. **40c.**

**No. 414**—Width of face, 5 1/2 in. Length of face 9 1/2 in. Large heavily filled brush. **50c.**

**HANDLED CREAMERY BRUSHES**



**No. 416**—Brush part 5 in. wide, 4 inches long. Total length 10 inches. **40c.**

**Cooler Brush 35c.**

**MILK BOTTLE BRUSHES**



Osborne Bottle Brushes like illustration can be used for bottle washing as well as separator cleaning.

**No. 72**—Brush part 2 3/4 in. diameter **55c.**

**No. 73**—Brush part 3 1/4 in. diameter. **60c.**

**MACHINE BRUSHES**



The No. 123 is one of the most popular brushes on the market for machine use in washing milk bottles. The long brush part, of an extra stiff grade of hair retains its shape without matting. **No. 123**—Brush part 3 in. diameter. **55c.**

**TEST TUBE & SEPARATOR BRUSHES**



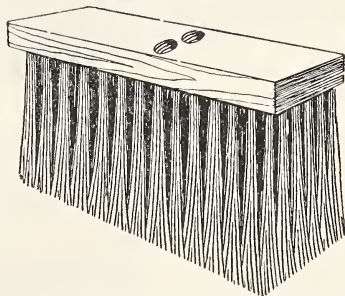
**No. 811, 1/2-in. 15c**  
**No. 813, 1-in. 20c**

**No. 812, 3/4-in. 15c**  
**No. 814, 1 1/4 in. 20c**

**BELLS, CHAINS AND HOBBLES**

**Cow Tie Out Chains, No. 00, 30 feet \$1.00**  
**Cow Tie Out Chain, No. 000, 30 feet \$1.20**  
**Cow Bell Straps, 1 1/4-in x 3 feet. Each 70c.**  
**Cow Bells, No. 013 Long Distance. Each 55c**  
**Cow Bells, No. 012 Long Distance. Each 50c**

**PUSH BROOMS**

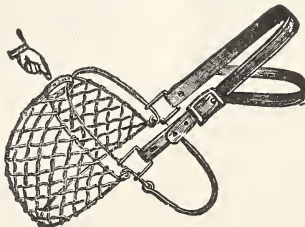


**14 inch Palm Floor Fibre Broom with handle. \$1.15.**

**16 inch Palm Floor Fibre Broom with handle. \$1.25.**

**Deduct 10c if wanted without handle.**

**SHAW'S CALF WEANER**

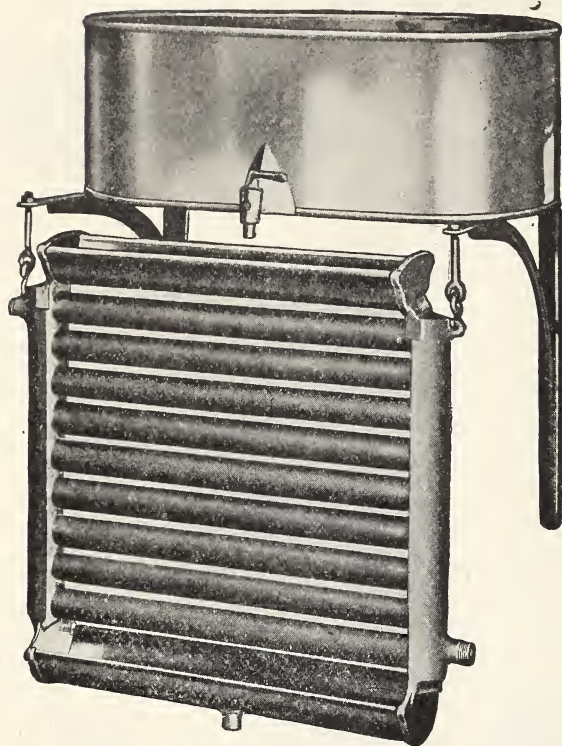


**No. 1—For Calves 65c. No. 2—Yearlings 70c**

**SO-BOSS COW HOBBLE**

Anti kicking. Holds the cow from kick during milking. **75c, postage extra.**

# Dairy Supplies



## PEERLESS TUBULAR SANITARY MILK COOLER

The most satisfactory and efficient cooler made. This cooler is made of 1½-inch seamless copper channel tubes tinned inside and outside, flushed into solid cast brass heads. The channel tubes do away with distributing solder strips, making a perfect sanitary cooler. The upper and lower troughs are made of tinned copper and cast end plates. They are removable for cleaning.

15-in. wide, 9 tube high, Cap. per hour 182 lbs. **\$37.50**  
 20-in. wide, 9 tube high, Cap. per hour 250 lbs. **\$40.50**  
 24-in. wide, 9 tube high, Cap. per hour 300 lbs. **\$47.50**  
 30-in. wide, 9 tube high, Cap. per hour 375 lbs. **\$51.50**  
 36-in. wide, 9 tube high, Cap. per hour 450 lbs. **\$55.00**



## DAIRY THERMOMETERS

No. 955 — Pasteurizing; length, 10 inches. **90c.**  
 Imported Dairy Thermometer. Price **25c.**

## MILK CANS



One gallon capacity; wt. 2½ lbs. Price each, **\$1.70.**

Two gallon capacity; wt. 6½ lbs. Price each, **\$3.35.**

Three gallon capacity; wt. 7½ lbs. Price each, **\$3.50.**

Dozen Price on Application.



Coast Special Heavy five gallon capacity; wt. 12 lbs. Price, **\$3.85**  
 Heavy ten gallon capacity; wt. 24 lbs. Price, **\$5.25**  
 Light five gallon capacity; wt. 12½ lbs. Price, **\$3.50.**  
 Light ten gallon, weight 18 lbs. Price, **\$4.45.**

## MILK BOTTLE CAPS



We carry complete stock of Perfection Pull Bottle Caps. Milk, Cream, Whipping Cream and Buttermilk. Packed 500 in tube. Per M 70c, 5 M \$2.75. Write for prices in case lots.

## BUTTER MOULDS, CALIFORNIA PATTERN

Maple, paraffin finish. Two parts held together with brass hinges. No. 1—Length, 7 inches; size 1 lb. **55c.**

## BUTTER LADLES

One piece of hardwood. Smooth surfaces; strong handle; convenient size; wide blade; spoon shape. **25c.**

## BUTTER SPADES

One piece of hardwood; sharpened end and grooved surface; long smooth handle. Price **15c.**



# Dairy Supplies

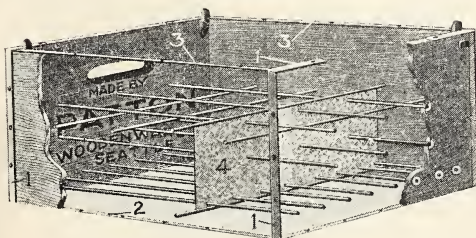
## THATCHER MILK BOTTLES



Thatcher Milk Bottles are guaranteed to be of correct capacity, uniforn in weight; glass evenly distributed with a perfectly smooth finish at the top for caps and absolutely water white in color.

Price per dozen quarts .....\$1.00  
 Price per dozen pints .....80c  
 Price per dozen ½-pints .....65c  
 Gross Prices quoted on application.

## SANITARY BOTTLE DELIVERY CRATES



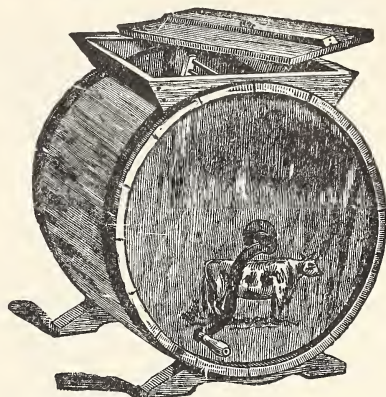
Strongest and most sanitary crates made. Dovetailed corners, reinforced inside. Will save their cost many times over in convenience and far less breakage of bottles.

No. 16—Quarts; holds 12 bottles; wt. 13 lbs. \$1.60.  
 No. 22—Half-pints; holds 24 bottles; wt. 12 lbs. \$1.65.  
 No. 20—Pints; holds 20 bottles; wt. 12 lbs. \$1.60.  
 No. 19—Quarts; holds 12 bottles; wt. 13 lbs. Special high wire, \$1.70.  
 No. 18—Pint filler case; holds 12 bottles; wt. 15 lbs. \$1.75.

## RUBBER APRONS

Heavy duty, snag proof rubber Dairy-men's Wash Aprons. Price each \$3.75.

## CYLINDER CHURNS

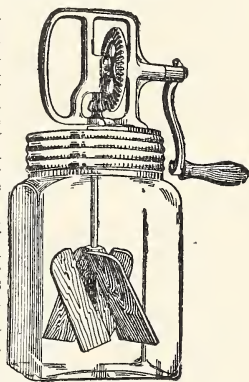


Dovetailed white pine staves, dashers attached to steel shafting. Can be removed for cleaning.

Size 1—Holds 3 gallons; churns 2 gallon. \$5.00.

## DAZEY GLASS CHURNS

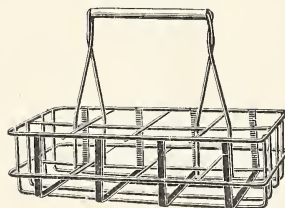
Extra heavy clear glass jar, with a finished smooth top. Steel screw-cap, heavily nickel plated. Dasher of white maple thoroughly seasoned. Dash rod of steel, tinned. Frame one piece. Natural finish wood handle. Gears carefully fitted to run smooth and noiseless. All castings double aluminum coated.



No. 40—Capacity 4 quarts; churning capacity, 2 qts. height over all, 14 inches; wt. 7¼ lbs. Price \$3.15.

No. 60—Capacity 6 quarts; churning capacity 3 qts.; weight 9½ lbs. Price \$3.75.

## GALVANIZED MILK BOTTLE CARRIER

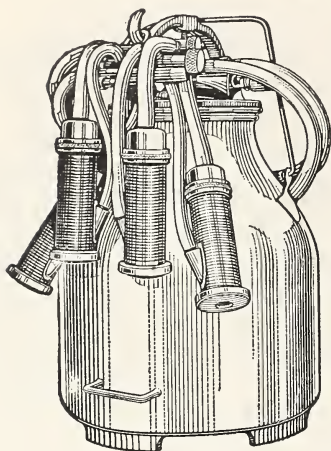


We have a new style milk bottle carrier made of flat galvanized iron that is especially handy for the dairymen. All electric welded and will not break.

With this carrier you can carry either pints, quarts, or half-pints. They come in 4 and 6 and 8 qt. sizes.

Price, 4-quart .....\$1.35  
 Price, 6-quart .....1.65  
 Price, 8-quart .....1.85

# The New De Laval Magnetic Milker



Following is a list of the various size De Laval Magnetic Milker Outfits, what they consist of, and the number of cows they are designed to milk.

No. of Out- fit	Pulso- Pump	Unit	No. Cows	Power Requirements	
				Motor	Engine
1	No. 25	1	5-10	$\frac{1}{2}$ h.p.	$1\frac{1}{2}$ h.p.
2	No. 25	2	10-20	$\frac{1}{2}$ h.p.	$1\frac{1}{2}$ h.p.
3	No. 40	3	20-30	$\frac{3}{4}$ h.p.	$1\frac{1}{2}$ h.p.
4	No. 41	4	30-40	1 h.p.	$1\frac{1}{2}$ h.p.
5	No. 47	6	40-60	$1\frac{1}{2}$ h.p.	$2\frac{1}{2}$ h.p.
6	No. 48	8	60-80	$1\frac{1}{2}$ h.p.	$2\frac{1}{2}$ h.p.

Write for prices and complete catalog.

The De Laval Magnetic retains all the good features ever developed in the De Laval Milker, plus a simplicity of installation, minimum power requirements, ease of operation, uniformity and perfection of milking, with reliability and dependability of performance never before approached. It is a combination of years of practical experience and the most advanced engineering.

In the De Laval Magnetic the pulsations are controlled by means of a simple, efficient and patented application of electro magnetic force, which is created and controlled at the pulso-pump and transmitted by wire to the units.

The De Laval method of controlling pulsation by electro magnetic force is the simplest, most effective and reliable method of controlling pulsations ever devised.

With the De Laval, cows are milked in exactly the same manner day after day, month after month, year after year, and this is one of the reasons why they almost invariably produce more milk with its use.

De Laval Magnetic Milker Outfits are furnished for milking any number of cows whether it be 1 or 1000 or more. These outfits may be installed in any kind of barn, large or small. Each size outfit operates in exactly the same manner, being identical in quality, construction and performance. They differ only in size of the Pulso-Pump and number of units.

## Old De Laval Milkers can be Converted into Magnetic Milkers

Any De Laval Milker can be converted into a Magnetic Milker very easily and at a comparatively small cost. Complete information regarding this will be furnished on request.

# De Laval Golden Series Cream Separators

The new De Laval Separators are the crowning achievement in fifty-one years of separator manufacture and leadership. They are the finest that De Laval ever made and superior to all others in convenience, ease of turning, skimming efficiency, durability, quality of workmanship, and beauty of design and finish.

No. 7—Capacity	200 lbs. per hour	\$ 67.50
No. 8—Capacity	225 lbs. per hour	82.50
No. 10—Capacity	350 lbs. per hour	95.00
No. 12—Capacity	500 lbs. per hour	107.50
No. 16—Capacity	750 lbs. per hour	127.50
No. 17—Capacity	1000 lbs. per hour	145.00
No. 22—Capacity	1350 lbs. per hour	235.00

## ELECTRIC MOTOR DRIVE EQUIPMENT

Nos. 7, 8, 10, 12, 15, 16, 17	\$60.00
No. 22	75.00

Nos. 7, 8, 10, 12, 15, 16, 17	\$55.00
No. 22	70.00

Sizes 15, 17, and 22 prior to 1929 series extra \$2.50.

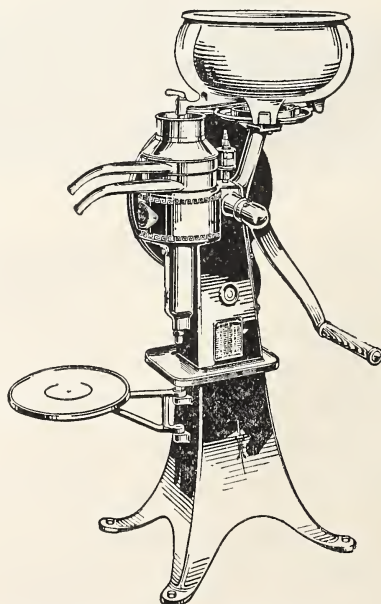
WRITE FOR COMPLETE CATALOG

## DE LAVAL SEPARATOR OIL

1 gal. cans	\$1.45
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## DE LAVAL PULSO OIL

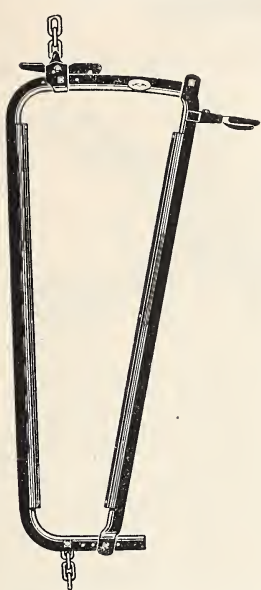
1 gal. cans	—1.70
5 gal. cans	7.00



80 WRITE FOR COMPLETE CATALOG OF MILKERS AND SEPARATORS



## MONTICELLO WOODLINED ADJUST- ABLE STANCHION NO. 757W



It is adjustable—from a five to eight inch neck space—and has an adjustable fork, a handy feature found on no other stanchion. One bolt to be loosened at the top and one at the bottom is all that is necessary for adjusting the neck space.

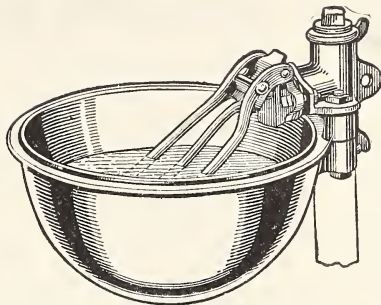
It has a combination spring and gravity lock, which is positive and absolutely cow-proof, but which can be easily opened or closed with one hand. This lock, as are all the fittings on this stanchion, is made entirely of pressed steel.

Having a "U" steel frame, the steel being a special grade of high carbon, this stanchion is as strong as any other on the market, regardless of price. It is chain hung, perfectly balanced, and will permit the cow natural freedom of movement in lying down, getting up, turning her head, etc.

### Specifications

**FRAME:** Strong "U" steel, size  $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{16}$  inches. **FITTINGS:** All pressed steel. **LOCK:** Combination spring and gravity operation. Easy working, positive, and cow-proof. **WOODLININGS:** Thoroughly seasoned hard maple, grooved to fit closely over the "U" steel and securely riveted on. Smoothly finished, polished and varnished. **FINISH:** Gray enamel. **WEIGHT:** 22 pounds. **Price each \$4.00. Write for prices in quantities.**

## STAR WATER BOWL



### With Individual Pressure Regulator

DOES everything a water bowl should do; nothing a water bowl should not do. **SAVES TIME—SAVES LABOR.** Puts more milk in the pail and more money in the pocket. Milk is 87% water, when the cow drinks enough she gives from 20 to 30% more milk. The STAR bowl gives the cow fresh water with meals and between meals, even at night. The Star bowl is made of high grade cast iron and is perfectly round and smooth inside, making it very easy to clean. The valve body is made out of high grade malleable iron. It is threaded both top and bottom so that a one inch pipe can be inserted from above or below. Spun sheet Aluminum lining makes sterilization practical. **No. 1178 without lining \$3.50 ea. No. 1179 complete with lining \$4.30 ea.**

**Write for price on complete installation in your barn.**

**SEE US ABOUT YOUR OTHER BARN EQUIPMENT**

## New Fairbanks-Morse Home Electric Water System

**Brings Water Under Pressure at Still Lower Cost**



No other water system offers all these features: Completely enclosed. All parts fully protected. Compact, 19 inches in diameter, 21 inches high. Big capacity, 210 and 420 gallons per hour. Entirely Automatic, starts itself, stops itself. Easy to install, only two pipe connections. Completely equipped, including electric motor, automatic switch, pump and tank. Quickly accessible, simply lift hood. Smooth running, self oiling, supplies steady, full stream without pulsation. Genuine Fairbanks-Morse unit throughout. Fully guaranteed.

**210 gal. per hour \$74.00 F. O. B. Tacoma.**

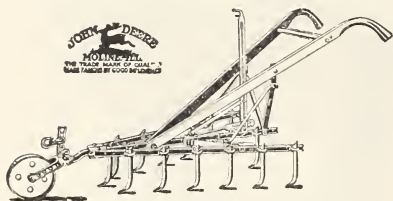
**420 gal. per hour \$105.00 F. O. B. Tacoma.**



**LET US HELP YOU WITH YOUR WATER SYSTEM PROBLEMS**

# Horse Cultivators

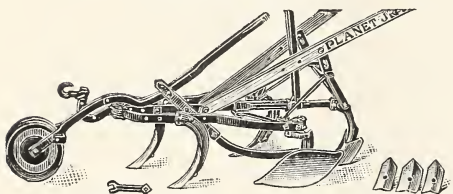
## 14-TOOTH CULTIVATOR-HARROW



The John Deere 14-tooth steel Combination Cultivator and Harrow is adapted for close work among very small plants. It stirs the soil thoroughly, but does not throw any on the plants.

**No. 320 John Deere 14-tooth Cultivator with gauge wheel; weight 67 lbs. \$10.75.**

## No. 8 PLANET JR. HOE AND CULTIVATOR



Packed weight 83 lbs. Used for plowing toward the row and for hilling. Equipment: Four 3x8-in. cultivator steels; one 4x8-in. cultivator steel; two 6-in. hillers; one 7-in. shovel; lever wheel (steel); lever expander; depth regulator.

**No. 8 Planet Jr. Horse Hoe and Cultivator. Price \$17.50.**

**No. 9 Planet Jr. Horse Hoe and Cultivator.** This admirable tool is identical with the No. 8 except that it has a plain instead of lever wheel, and no runner or depth regulator. Weight 70 lbs. **Price \$15.50.**

## JOHN DEERE CULTIVATOR



The frames are entirely of steel and malleable iron. The expansion device is a combination of two arms which expand or contract the frame by action of the lever, at the same time bracing the frame and making the tool very rigid. Expansion lever is of good length and easy to operate. Wrought steel braces extend from the handles to the expanding bars, being so attached to the latter that their full service is secured, regardless of the position of the expanding bars. The shovels on the five and seven-tooth are adjustable and the horse-hoe blades reversible, which admits of a variety of work.

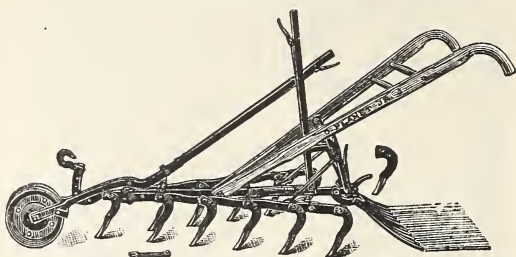
**No. 306—Five tooth cultivator with lever and gauge wheel. Weight 61 lbs. \$10.75.**

**No. 308—Five tooth cultivator with lever gauge wheel and horse hoe attachment. Weight 67 lbs. \$13.00.**

**No. 314—Seven tooth cultivator with lever and gauge wheel. Weight 66 lbs. \$12.50.**

**No. 316—Seven tooth cultivator with lever, gauge wheel and horse hoe attachments. Weight 81 lbs. \$14.50.**

## 12-TOOTH HARROW WITH WHEEL

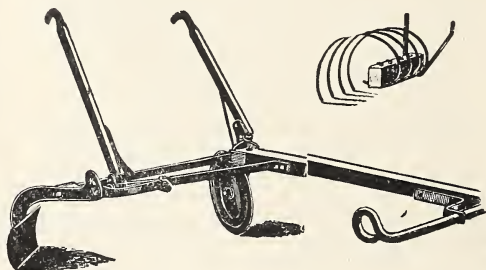


The combination of teeth and pulverizer leaves the ground in the finest condition. The lever wheel enables the operator to set the teeth exactly to any depth desired, making delicate work not only possible, but very easy. It is invaluable in narrow rows and for fine work in market gardening and close work on the farm. Used extensively in strawberry culture.

**Planet Jr. 12-tooth Harrow, complete, weight 75 lbs. 18.00.**

**Planet Jr. 12-tooth Harrow, without pulverizer, but with plain wheel. \$13.75.**

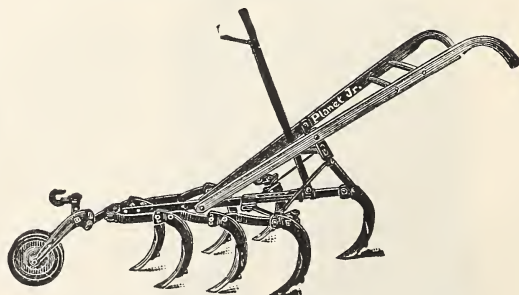
## ONE HORSE BERRY HOE



The Syracuse Berry Hoe is a wonderful labor-saver in the culture of berries and grapes. The Hoe is easily guided in and out around the posts and vines by the disc castor wheel, to which the handle is attached. Weight 125 lbs. **\$23.50.**

Cultivator and spring tooth attachments **\$7.25.**

## No. 83 PLANET JR. SEVEN-TOOTH CULTIVATOR

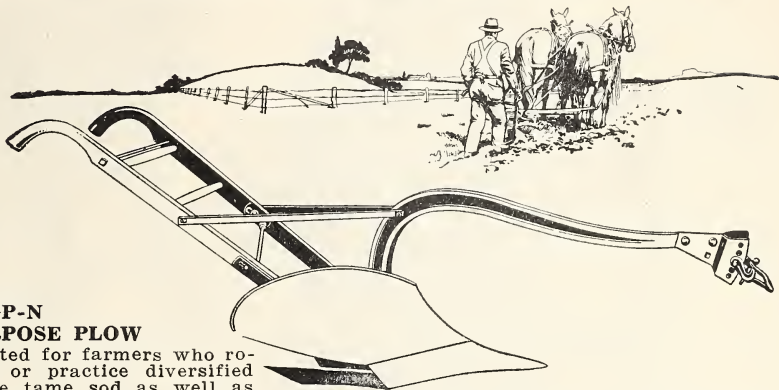


The teeth are 2 1/4 inches wide, and their work is finer and more thorough than that of the five-tooth cultivator. The machine is a favorite where fine cultivation is wanted. It finishes all rows up to 42 inches apart. Weight, 69 lbs. **Price \$15.50.**



# John Deere Plows

JOHN DEERE GENERAL PURPOSE PLOW—STEEL BEAM



## THE GP-N GENERAL PURPOSE PLOW

Especially adapted for farmers who rotate their crops, or practice diversified farming and have tame sod as well as stubble or old ground to plow.

The moldboards have a somewhat longer, slower turn than those of the stubble series. They have excellent pulverizing qualities in stubble or old ground. In sod, they turn the furrow slices and lap them sufficiently to bury the green vegetation in loose soil, which prevents further growth and hastens decay.

The bottom splits the soil as a wedge splits a log. John Deere pulls light and does thorough work.

**G. P. 12**—Cuts 12 in. Weight 99 lbs. **\$25.50**

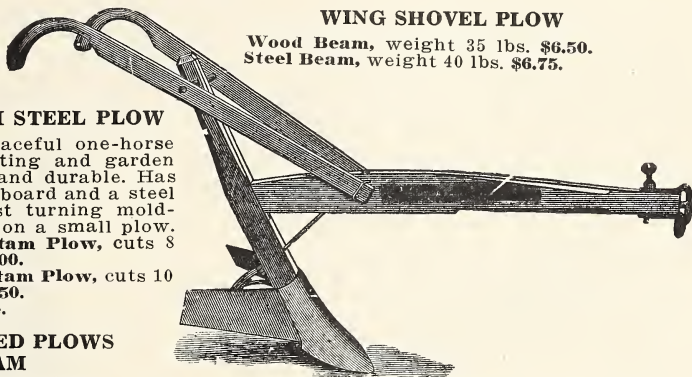
**G. P. 6N**—Cuts 14 in. Weight 111 lbs. **\$29.00**

Write for complete descriptive catalog on John Deere walking plows.

## WING SHOVEL PLOW

Wood Beam, weight 35 lbs. **\$6.50.**

Steel Beam, weight 40 lbs. **\$6.75.**



## JOHN DEERE BANTAM STEEL PLOW

This is a light and graceful one-horse plow for general cultivating and garden work. It is very strong and durable. Has hardened soft center moldboard and a steel share. Positively the best turning moldboard we have ever seen on a small plow.

**8-inch Steel Beam Bantam Plow**, cuts 8 inches; weight 65 lbs. **\$14.00.**

**10-inch Steel Beam Bantam Plow**, cuts 10 inches; weight 77 lbs. **\$18.50.**

Above with Extra Share.

## SYRACUSE CHILLED PLOWS STEEL BEAM

With Extra Share as priced

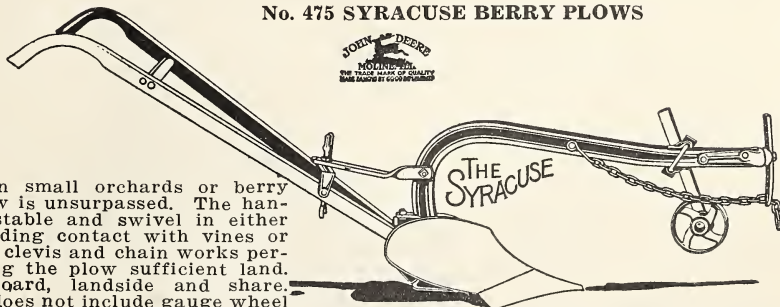
**1476**—Cuts 8 inches; weight 80 lbs.  
Price **\$13.00.**

**1474**—Cuts 10 inches; weight 95 lbs.  
Price **\$18.00.**

**1473**—Cuts 12 inches; weight 119 lbs.  
Price **\$20.50.**

**1471**—Cuts 14 inches; weight 137 lbs.  
Price **\$23.50.**

## No. 475 SYRACUSE BERRY PLOWS



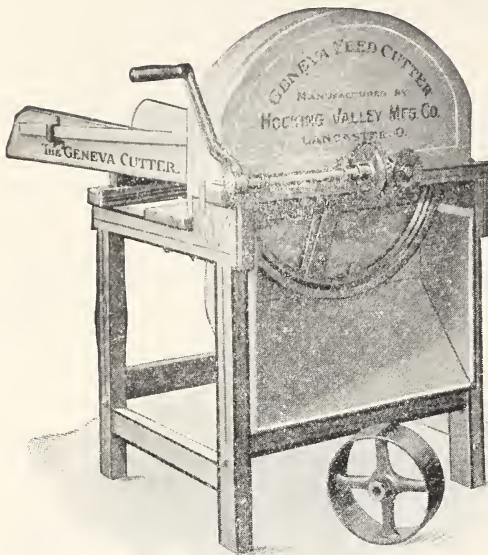
For work in small orchards or berry fields this plow is unsurpassed. The handles are adjustable and swivel in either direction, avoiding contact with vines or trees. The dial clevis and chain works perfectly in giving the plow sufficient land. Chilled moldboard, landside and share. **NOTE**—Price does not include gauge wheel as shown in illustration.

**No. 475**—Cuts 8 inches. Weight 97 lbs.  
Price with extra share **\$17.00.**

**No. 474**—Cuts 10 inches. Weight 100 lbs.  
Price with extra share **\$18.50.**

**JOHN DEERE TRACTOR PLOWS, HARROWS—WRITE FOR LITERATURE**

# Feed Cutters



## GENEVA FEED CUTTER

The perfect Feed Cutter adaptable to all kinds of feed, green or dry, from finest prairie grass to the largest corn stalks.

**Guaranteed** to be entirely satisfactory in execution, ease of operation, capacity, durability and finish. Manufactured from the best materials obtainable by skilled workmen; it maintains that high standard of quality and excellence for which all Hocking Valley goods are justly celebrated and is backed by 60 years' experience in the production of agricultural machines.

In the design, construction and selection of materials for the Geneva Feed Cutter we have achieved an ideal and offer a product superior in every respect to anything on the market.

**No. 6**—No pulley. Weight 204 lbs. **Price \$50.00.**

**No. 6**—No pulley, 4 knives. **Price \$59.50.**

**No. 8**—No pulley, weight 238 lbs. **Price \$55.00.**

**No. 10**—With 10x4-in. pulley, weight 270 lbs. **Price \$65.00.**

**No. 12**—With 10x6-in. pulley, weight 405 lbs. **Price \$78.50.**

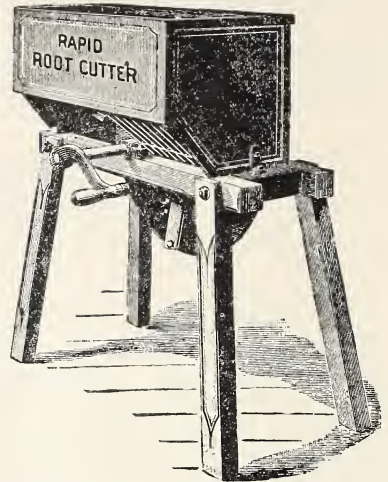
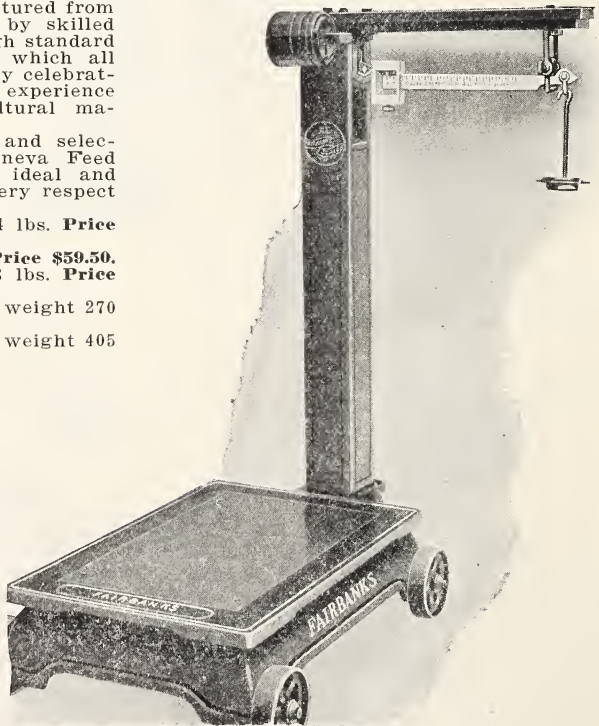
## FAIRBANKS SCALES

**No. 1128**—500-lb. capacity. **Price \$23.50.**

**No. 1124**—1000-lb. capacity. **Price, \$25.50.**

This type of portable scale is one of the most efficient for general use and is furnished with wheels. It is equipped with arrow-tip single beam having a sliding poise with set screw, all of brass. Steel to steel bearings.

**Your Grandfather used a Fairbanks Scale to protect his buying and selling. Write for prices on larger scales.**



## No. 2 RAPID ROOT CUTTER

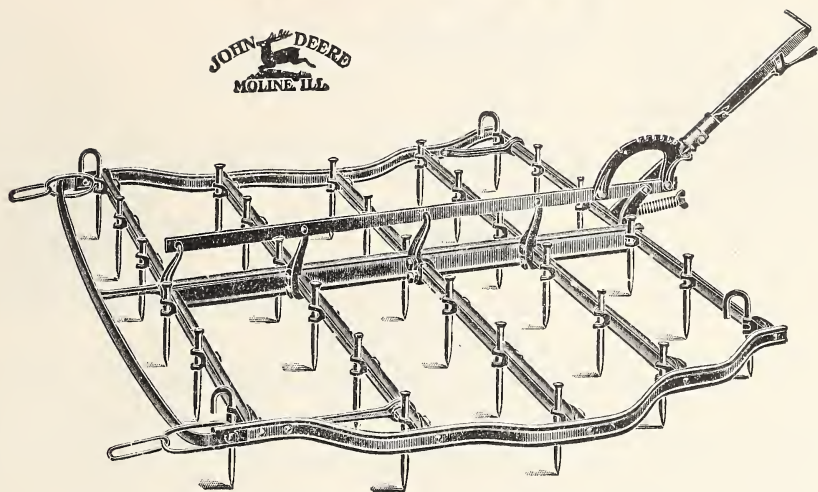
**Description of Cutter**—The three cutting knives on the fly-wheel follow closely after small projecting slicing or slitting knives, which cut at right angles to the edge of the cutting knives, thus reducing material to a very nice condition for feeding. The hopper bottom is of slanting cast grating, which allows dirt, gravel or foreign matter to fall through and thus be kept separate from the cut feed. Weight 190 lbs.

**No. 2, \$37.50.**

**WRITE US FOR CATALOG OF JOHN DEERE IMPLEMENTS**



# Harrows

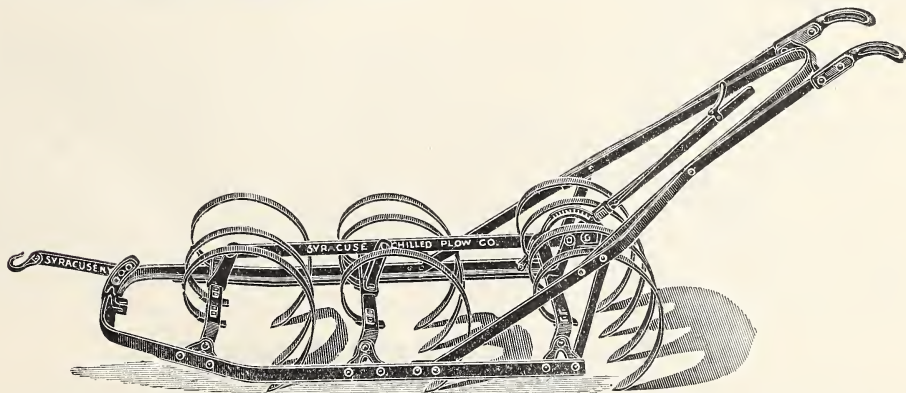


## TEETH PERPENDICULAR FOR PULVERIZING

In the Deere Universal Steel Lever Harrow we offer a tool which is entitled to great favor. The Tooth Bars are made of U-bar steel, which insures strength without useless weight. At the same time the sections are heavy enough to give to the teeth the proper amount of penetration in any condition of soil. The teeth are fastened to the bars by our patent tooth fastener, which holds the tooth firmly in position, and yet by slightly loosening the nut, permits the tooth to be removed readily for replacing with new one or to turn the tooth to present a new corner to the work when it becomes worn. Hinge castings are attached firmly to each end of the tooth bars, and are riveted on the outside of the side bars. The tooth bars turn freely, and can be easily adjusted so the teeth will work at any desired angle. Harrow is also provided with a spring trip, which preserves the teeth when using this harrow in stony or rooty ground.

25 Tooth Universal Drag Harrow; weight 82 lbs.	\$11.50
30 Tooth Universal Drag Harrow; weight 98 lbs.	13.25
50 Tooth Universal Drag Harrow; weight 182 lbs.	26.50
60 Tooth Universal Harrow; weight 218 lbs.	30.50

We can also furnish larger size harrows.



The Syracuse frame and tooth bars are made of channel and angle bar steel of from 40 to 50 points carbon. The frame thus has great strength without disturbing the elasticity of the bars. A distinctive feature of the Syracuse construction is that the frame between the section has a small opening in front, which grows wide towards the rear. All loading or choking at this point is thus absolutely prevented. The runners have heavy steel protective shoes, and they provide twice the wear of the ordinary shoe on most other harrows. All Syracuse spring teeth are made of a special high-carbon spring steel, and without bolt holes.

8 Tooth Syracuse Single Section L. D. Spring Tooth Harrow, cuts 3 ft., weigh 185 lbs.  
Price \$23.30.

NOTE—Cannot supply 10 Tooth shown above

9 Tooth Osborne Single Section L. D. Spring Tooth Harrow, cuts 2½ ft., weight 130 lbs.  
Price \$21.50.

**JOHN DEERE DISC HARROWS PENETRATE DEEPER**

# Paint

## Rasmussen Pure Prepared Paint



### FOR EXTERIORS

The Real Test of Paint is the Result it Gives in Actual Service  
The Value of Rasmussen Pure Paint is in its Covering

Capacity, Hiding Properties, Durability, Saving in Labor, Economy

The cost of paint to the consumer should be figured on the basis of quantity required and length of wear. RASMUSSEN PURE PAINT covers one-third to one-half more surface than the cheap mixed paints or Lead and Oil, and wears twice as long, saving the consumer the cost of labor, which is two-thirds of the cost of painting.

RASMUSSEN PURE PAINT meets the requirements of the professional painter, as well as the amateur, and is fast replacing the paddle mixed White Lead and Linseed Oil Paint. RASMUSSEN PURE PAINT comes in many attractive colors. Send for free color chart. Colors: Gal. \$4.00, quart \$1.15, ½ pint 40c. White: Gal. \$4.20, quart \$1.20, pint 75c, ½-pint 45c.

## Wall-Dura

### Washable Flat Wall Paint



Is a sanitary, washable wall paint, drying with a soft flat finish so much desired in modern interior decoration; particularly adapted for use on walls and ceilings in the home. WALL-DURA does not show lap streaks—works easily and evenly and dries hard, with a soft restful finish. It is not easily marred, does not peel off, is opaque and can be washed or cleaned. WALL DURA FLAT WALL PAINT comes in twelve shades. Gal. \$3.15, quart 85c.

For Interior Walls, Wood Work, etc., WALL-DURA VELVET GLOSS gives a remarkably beautiful semi-gloss finish for all interior surfaces such as wood work, plaster, wall-board, concrete, canvas, furniture and metal. WALL-DURA VELVET GLOSS dries hard with a velvet-like smoothness which is very permanent, washable and sanitary.

### Wall-Dura Velvet Gloss

WALL-DURA VELVET GLOSS comes in twelve attractive colors and white. It has the body and covering qualities of paint with the flowing and smoothness of enamel. Gal. \$3.65, quart \$1.00.

## Rasmussen 4-Hour Enamel

Dries dust free in one hour and hard in four hours. It may be used over old paint, varnish or lacquered surfaces and on wood, metal, plaster or fiber board. Brushes easily and flows out to a smooth high gloss finish. Two coats may be applied the same day.

RASMUSSEN 4-HOUR ENAMEL gives a durable finish for interior and exterior decorations. It is supplied in nine attractive colors and black, white and clear; many beautiful combinations can be made by intermixing two or more regular colors.

Gal. \$6.50, quart \$1.80, 1/8-gal. \$1.05, 1/16-gal. 35c.



# Paint

## Flex

### "The Wonder Worker"

EASY BRUSHING LACQUER-LIKE FINISH

for

HOUSEHOLD AND AUTOMOBILE USES



FLEX is the first practical quick-drying, easy brushing color finish. It takes no technical skill or experience to produce a perfect job. It dries slowly enough to permit the brushing out of any laps or sags that might appear. If sprayed, the same good results are obtained.

FLEX dries free from dust in two hours, and hard in four hours. It is not poisonous nor does it have an offensive odor and it can be safely used or left about the home without danger of it exploding.

FLEX colors have been carefully selected. By intermixing different combinations of FLEX, nearly any desired color can be obtained. A few are shown on the color chart which will be mailed free on request. Gal. \$6.50, quart \$1.80, pint \$1.05, ½-pint 60c, ¼-pint 35c.

## Quick Step

CALOTINT WALL FINISH

THE MODERN FINISH

for

HARD USAGE

Modern methods demand that a job be accomplished with the utmost speed, but that durability and beauty be not sacrificed by this speed.

Quick-Step is new and has been developed to meet this trend. It is a scientifically prepared standardized product made under the General Paint Corporation's system of manufacture, and is designed to produce a durable finish for all surfaces subjected to extremely hard usage. Quick-Step is ideal for floors, counters, shelves, furniture, and other uses of similar nature.

The beauty and rugged durability of Quick-Step, coupled with its unusual drying properties, makes it ideal for use in schools, hospitals, hotels, laundries, dairies, garages, engine rooms, bath rooms and kitchens, in fact, any place that must with stand hard usage and frequent washing.

Per gal. \$4.75, quart \$1.35, pint 75c.

## Kalsomine

Calotint is the last word in perfect Kalsomine or Wall Finish, making possible the most beautiful interior decorative effects with its use. 18 shades. Per lb. 9c.

Color Chart Furnished Free on Request.

## RASMUSSEN ZINCALBO

40-40-20

Is a white paint: 40% XX Zinc Oxide, 40% Albalith, 20% Inerts (Silica and Asbestine.) This combination produces a brilliant white paint that stays white regardless of where it is used. Sulphide fumes do not effect it. It chalks gradually, as good paint should, leaving an excellent surface for repainting. It is non-poisonous—easy spreading—long wearing—excellent "hiding"—remarkably covering at low cost.

Gal. cans \$3.90, 5 gal. cans, per gal. \$3.80.

## Rasmussen Inside Floor Paint

RASMUSSEN INSIDE FLOOR PAINT is a tough, elastic coating with a firm, hard varnish gloss finish. Dries over night. It is made expressly for inside use, but may be applied on Porch floors and steps which are protected or covered by roofs or awnings.

RASMUSSEN INSIDE FLOOR PAINT is easily applied, covers well, has good hiding power, dries with a varnish gloss, and can be mopped repeatedly without injury to the finish.

Dries in twelve hours sufficiently hard to walk on—send for free color chart, nine attractive shades. Gal. \$3.50, quart \$1.00, pint 55c.

## Floor and Varnish Stains

Stains and varnishes in one operation. Saves labor, wears well and will not turn white in water. Permanent colors in ten attractive shades. Gal. \$5.25, qt. \$1.45, pt. 80c, ½-pt. 50c.

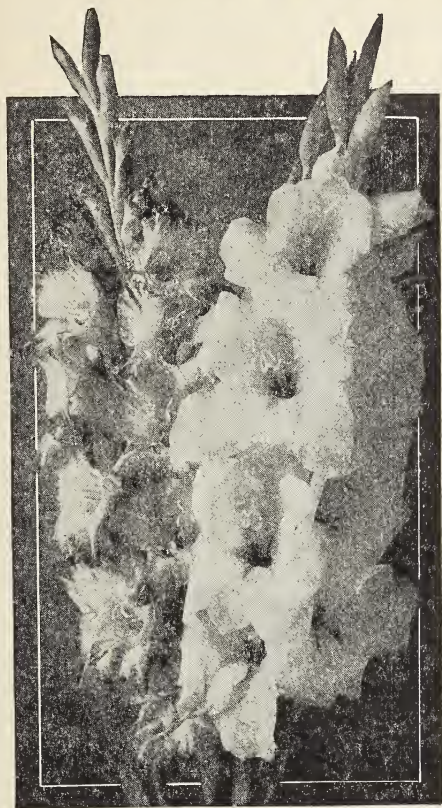
WHITE LEAD, OILS, TURPENTINE AT MARKET PRICES

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# Poole's Glorious Gladioli



With the rapid development of new forms and colors, a new conception of the possibilities of the gladiolus in the garden is beginning to be apparent to progressive garden makers.

Having won pre-eminence among summer cut flowers it is now being recognized as an invaluable factor in the garden display. Whether you have an informal border, or formal beds, there will probably be some spot where a group of twelve or twenty-five stately glads, of exactly the proper height and color, will give just the right effect at a time when, but for this adaptable flower, interest would be missing.

You can plant gladioli anywhere, and at any time up to June 15 with certainty that in due time you will have flowers; and the time is easily calculated.

In color range the gladioli are now excellent only by the tulips; and such progress is being made that before many years even the tulips may be equaled.

**Chicago White.** White, lavender markings in throat.

**Early Sunrise.** This is a very vigorous grower. Spikes grow from three to four feet high. Flowers extra large, bright salmon-scarlet color with pencil stripe of cream through center of each petal of the flower. It is extremely early, being in the same blooming period as Halley, but much larger flowers and spikes.

**Evelyn Kirtland.** A beautiful shade of rosy pink, darker at the edges, fading to shell-pink at the center, with brilliant scarlet blotches on lower petals; the entire flower showing a glistening, sparkling lustre. Very tall spike.

**Halley.** Delicate salmon-pink, with a slight roseate tinge, the lower petals bear a creamy blotch with a stripe of bright red through the center.

**Mrs. Francis King.** Brilliant vermilion-scarlet. Most popular and effective variety for all occasions. Large size.

**Mrs. Frank Pendleton.** Flushed salmon-pink, with rich maroon blotch on the three lower petals. The most popular flower in florists' shops.

**Niagara.** A delightful cream shade, blending to canary-yellow, splashed with carmine.

**Panama.** An improved America, largest and most notable spike of bloom among all pink sorts.

**Prince of Wales.** The flowers are large and well placed and the color is a most charming coral-pink. It is a sport of Halley, but larger and of taller growth and also somewhat earlier. The delicate tint is practically without throat markings.

**Wilbrink.** Sport of Halley. It retains the earliness of that variety, but has a delicate pale pink color, somewhat similar to "America."

## PRIMULINUS TYPE

The amateur should not overlook the primulinus type, which is rich in luminous oranges, and delightful salmon-pinks. The grace and delicacy of primulinus blossoms make them splendid subjects for bouquets. They are beautiful in mass plantings and because they reproduce so plentifully, they are inexpensive to buy, and the stock of bulbs multiplies rapidly from year to year.

**Alice Tiplady.** Orange-saffron.

**Jewel.** Pink, yellow throat.

**Maiden's Blush.** Pink.

**Queen Unique.** Salmond Pink.

**Queen Victoria.** Bright Pink.

Above list No. 1 Bulbs  $1\frac{1}{2}$  in. and up 10c each, 50c per doz., \$3.00 per 100, \$25.00 per 1000.

No. 2 Bulbs  $1\frac{1}{4}$  to  $1\frac{1}{2}$  in. 10c each, 40c per dozen, \$2.50 per 100, \$20.00 per 1000.

No. 3 Bulbs 1 to  $1\frac{1}{4}$  in. 10c each, 30c per dozen, \$2.00 per 100, \$17.50 per 1000.

Not under 50 of 1 variety will be included in 1000 rate.

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**E. J. Shaylor.** Tall beautiful pure deep rose-pink.

**Scarlano.** Light, bright orange-red. Fine spike and flower, finely ruffled.

Above are two fine gladioli which we are able to supply in an unusual size.  $2\frac{1}{2}$  in. up, round firm bulbs grown under especially favorable conditions. Each 15c, dozen \$1.00, 100 \$7.00, 1000 \$65.00.



POOLE'S  
SUPERB  
ANNUAL AND PERENNIAL  
FLOWER SEEDS

